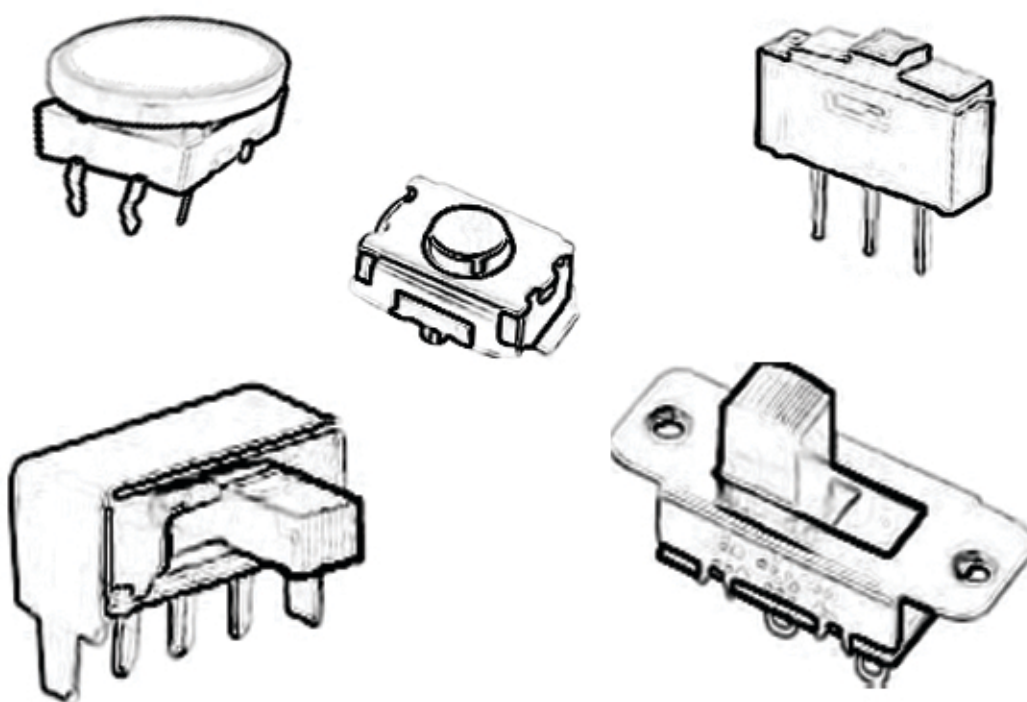


ELITAVIA

SWITCHES

TACT SWITCHES
ILLUMINATED TACT
SLIDE SWITCHES



CAT.10S-SW

INDEX

<u>DESCRIPTION</u>	<u>PAGE</u>
TACT SWITCHES 12 x 12 TYPES-----	S002~S010
TACT SWITCHES 3.5 x 6 TYPES-----	S011~S039
TACT SWITCHES 4.5 x 4.5 TYPES-----	S040~S059
TACT SWITCHES 5.2 x 5.2 TYPES-----	S060~S066
TACT SWITCHES 6 x 6 TYPES-----	S067~S088
TACT SWITCHES 7 x 7 TYPES-----	S089~S092
ILLUMINATED TACT SWITCHES-----	S093~S100
WATERPROOF TACT SWITCHES-----	S101~S103
MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES-----	S104~S108
MINI SLIDE SWITCHES STRAIGHT DIP TYPES-----	S109~S113
MINI SLIDE SWITCHES SMT TYPES-----	S114~S119
SLIDE SWITCHES SOLDER TYPES-----	S120~S158
SLIDE SWITCHES RIGHT ANGLE DIP TYPES-----	S159~S199
SLIDE SWITCHES STRAIGHT DIP TYPES-----	S200~S258
PROFILE SLIDE SWITCHES-----	S259
AUTO-INSERTABLE SLIDE SWITCHES-----	S260
ROTARY DIP SWITCHES-----	S261~S275
DIP SWITCHES-----	S276~S293
PUSHBUTTON SWITCHES-----	S294~S339
ILLUMINATED PUSHBUTTON SWITCHES-----	S340~S342
ANTI-VANDAL PUSHBUTTON SWITCHES-----	S343
TOGGLE SWITCHES-----	S344~S361
SEALED ULTRA-MINIATURE TOGGLE SWITCHES-----	S362~S365
SEALED SUB-MINIATURE TOGGLE SWITCHES-----	S366~S373
WASHABLE SUB-MINIATURE TOGGLE SWITCHES-----	S374~S378
ROCKER SWITCHES-----	S379~S404
SEALED ROCKER SWITCHES-----	S405~S412
SEALED ROCKER & PADDLE SWITCHES-----	S413~S420
POWER ROCKER SWITCHES-----	S421~S438
MICRO SWITCHES-----	S439~S454
DETECTOR SWITCHES-----	S455~S457
DOUBLE ACTION SWITCHES-----	S458~S460
ROLL BALL SWITCHES-----	S461~S462
ROTARY SWITCHES-----	S463~S464

NOTE: All relevant materials are complied with RoHS directive.

***TECHNICAL ALTERATIONS ARE SUBJECT TO CHANGE
WITHOUT NOTICE.**

TACT SWITCHES 12x12 THROUGH HOLE TYPES (1)

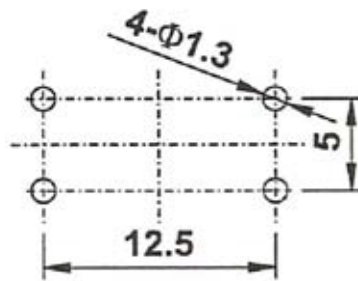
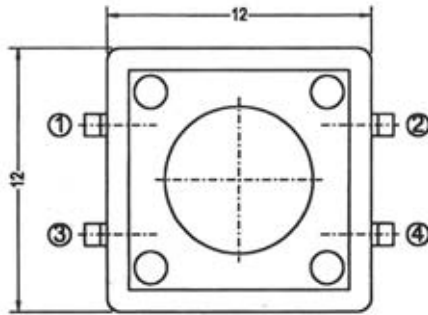


SPECIFICATIONS

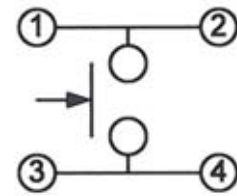
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

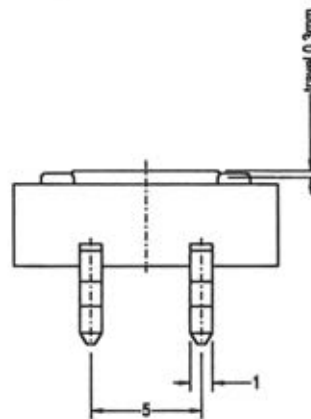
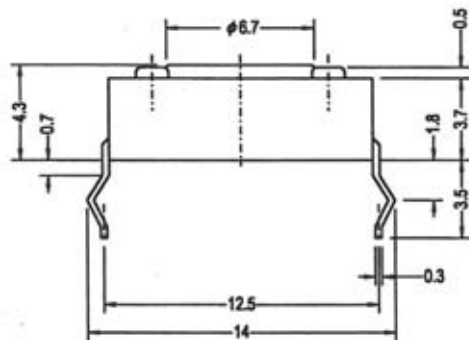
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 A - $\frac{L}{1} \frac{4.3}{2} \frac{B}{3} \frac{x}{x} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=4.3MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 THROUGH HOLE TYPES (2)

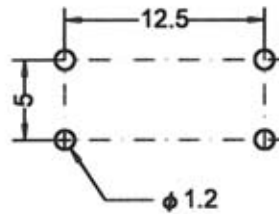
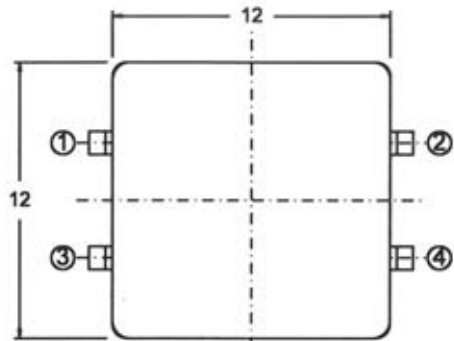


SPECIFICATIONS

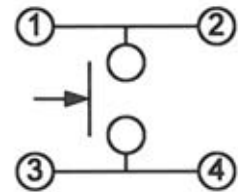
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

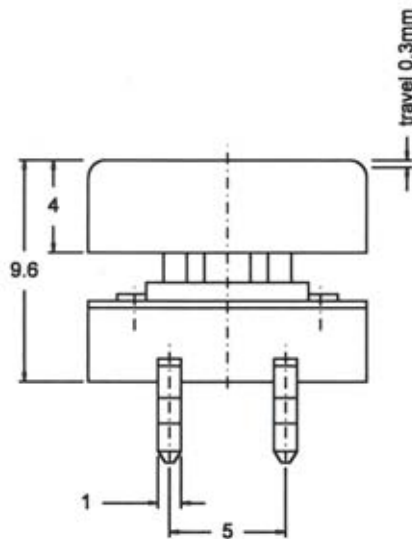
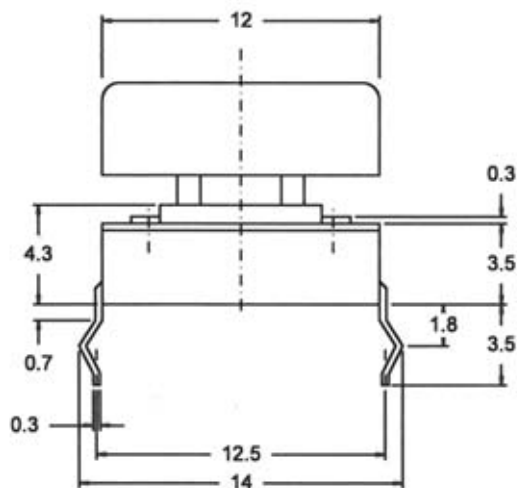
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 B - $\frac{L}{1}$ $\frac{9.6}{2}$ $\frac{B}{3}$ $\frac{x x}{4}$ - x

1. KNOB HEIGHT L (UNIT: MM):
L=9.6MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 THROUGH HOLE TYPES (3)

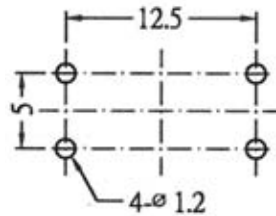
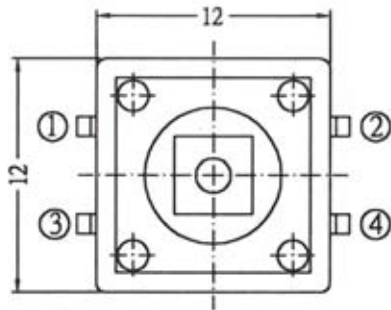


SPECIFICATIONS

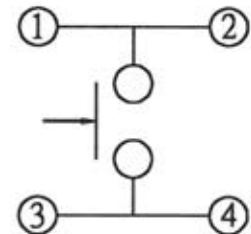
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160±50gf
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

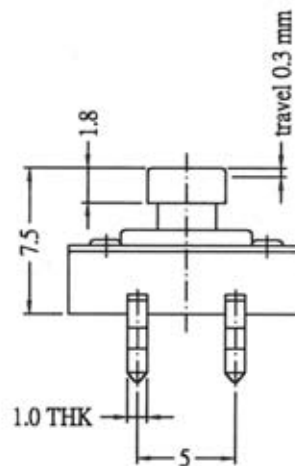
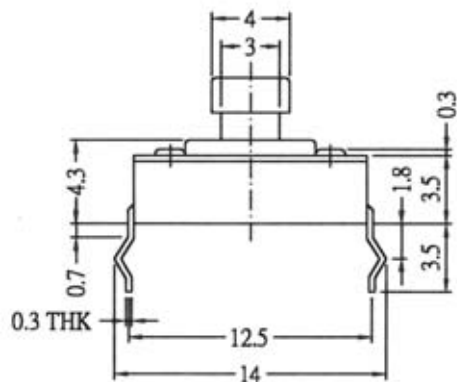
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 C - $\frac{L}{1} \frac{7.5}{2} \frac{B}{3} \frac{x}{x} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=7.5MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 SMT TYPE (4)

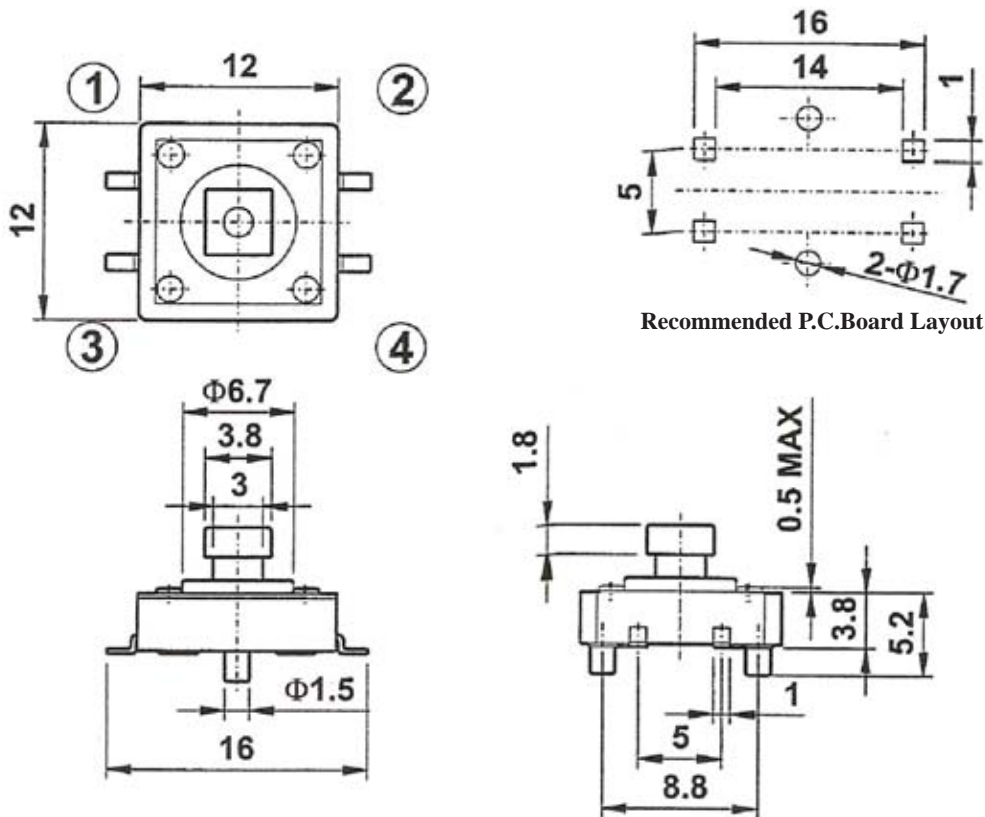


SPECIFICATIONS

Circuit: OFF-(ON)
Contact Rating: D.C. 12V 50mA
Initial Contact Resistance[max]: D.C. 15V 1A 30mΩ
Insulation Resistance[min]: D.C. 500V 100MΩ
Withstand Voltage: A.C. 500V 1minute
Life Expectancy: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W T 2 D - $\frac{L}{1}$ $\frac{7.3}{2}$ $\frac{B}{3}$ $\frac{xx}{4}$ - x

1. KNOB HEIGHT L (UNIT: MM):
L=7.3MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 12x12 THROUGH HOLE TYPES (5)

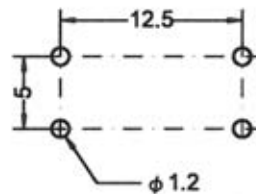
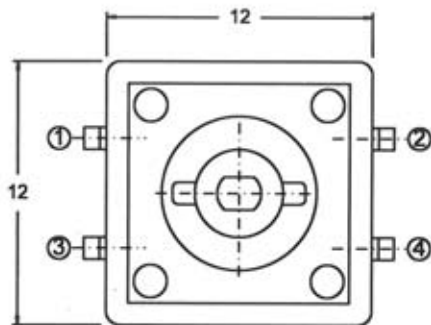


SPECIFICATIONS

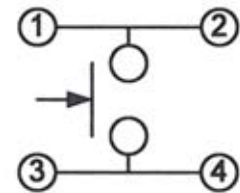
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

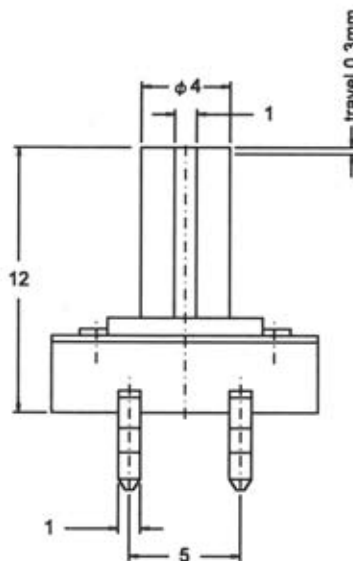
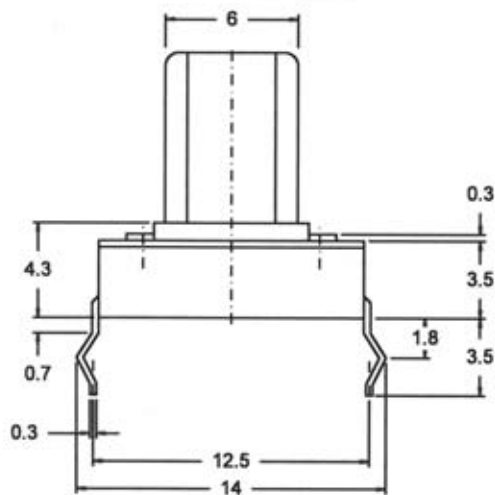
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 E - L $\frac{12.0}{1}$ B $\frac{x}{2}$ $\frac{x}{3}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=12.0MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 THROUGH HOLE TYPES (7)

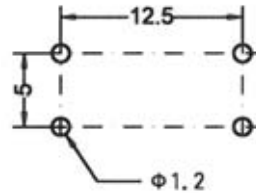
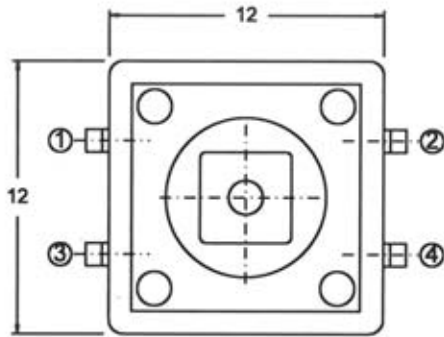


SPECIFICATIONS

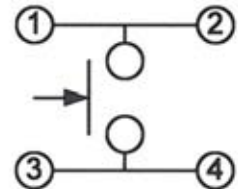
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

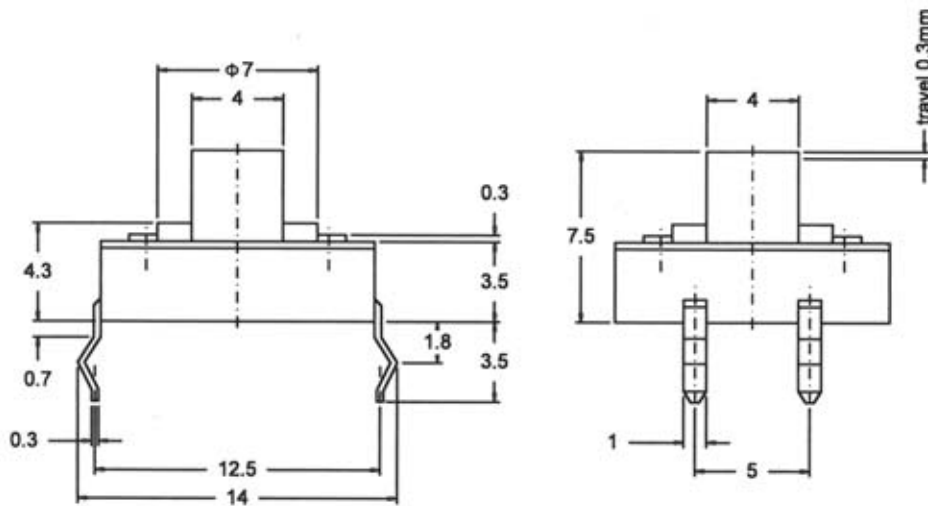
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 G - $\frac{L}{1} \frac{7.5}{2} \frac{B}{3} \frac{x}{x} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=7.5MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 THROUGH HOLE TYPES (8)

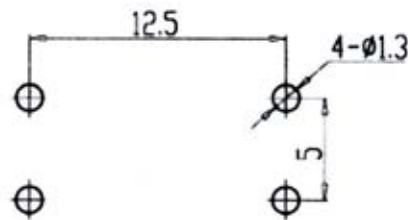
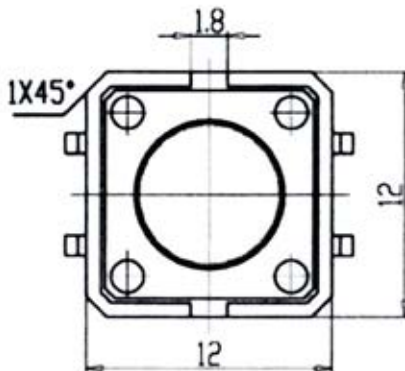
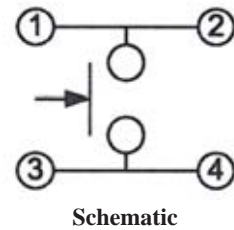
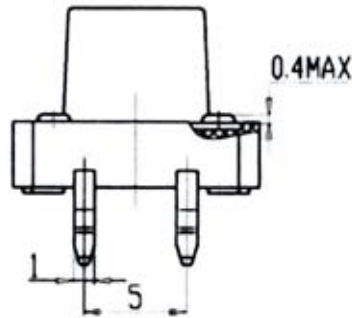
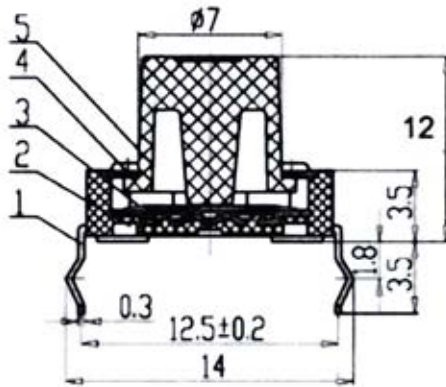


SPECIFICATIONS

Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 2 H - L $\frac{12.0}{1}$ B $\frac{x}{2}$ $\frac{x}{3}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=12.0MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 THROUGH HOLE TYPES (9)

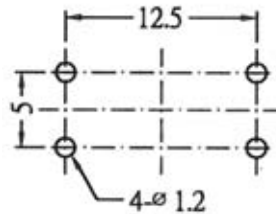
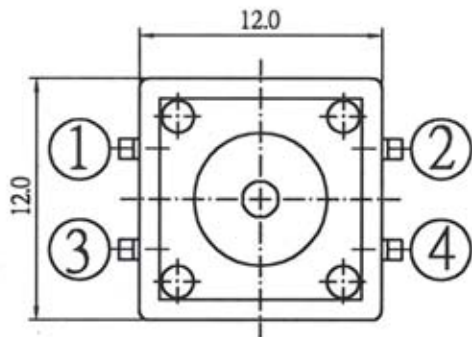


SPECIFICATIONS

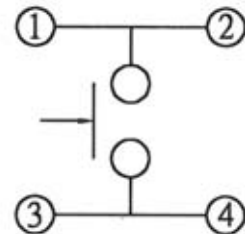
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160±50gf
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

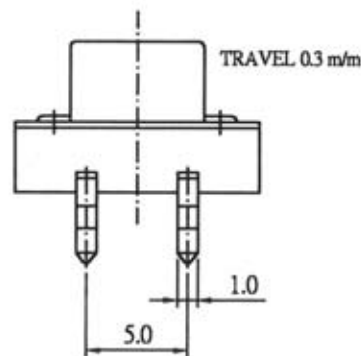
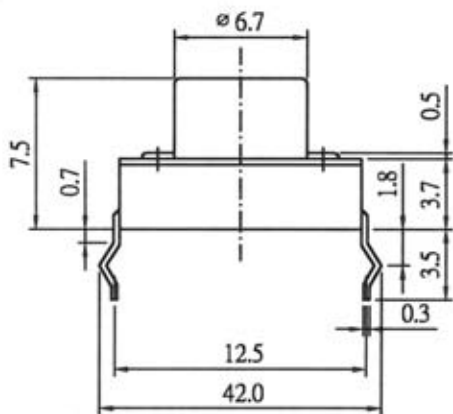
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 2 J - $\frac{L}{1} \frac{7.5}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
L=7.5MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 12x12 SMT TYPES (10)

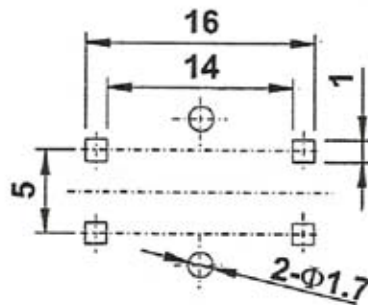
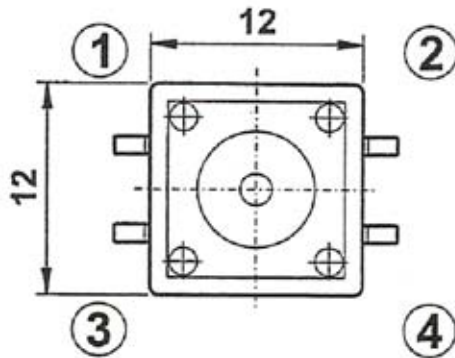


SPECIFICATIONS

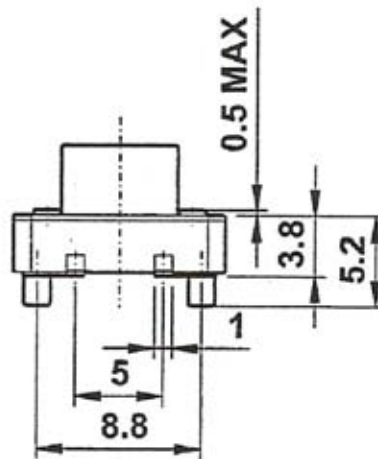
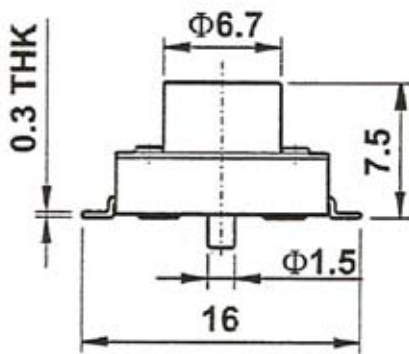
Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Initial Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 2 K - $\frac{L}{1}$ $\frac{7.5}{2}$ $\frac{B}{3}$ $\frac{x}{x}{4}$ - x

1. KNOB HEIGHT L (UNIT: MM):
L=7.5MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x6 THROUGH HOLE TYPES (1)

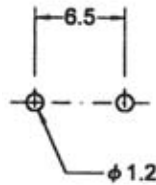
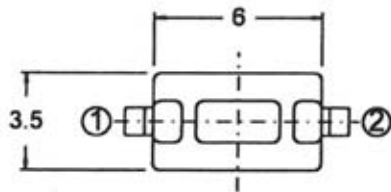


SPECIFICATIONS

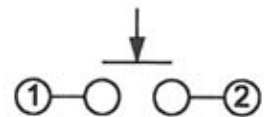
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

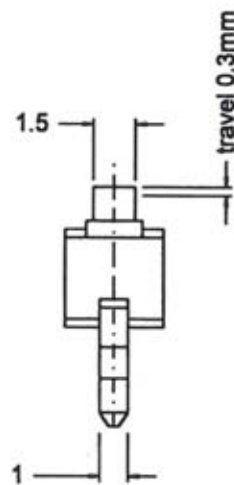
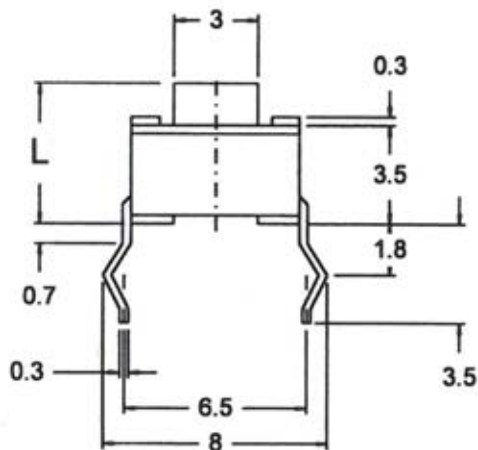
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 3 A - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{x} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 3.5x7.8 RIHT ANGLE TYPES (2)

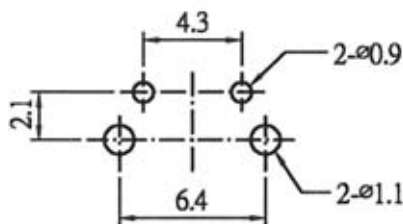
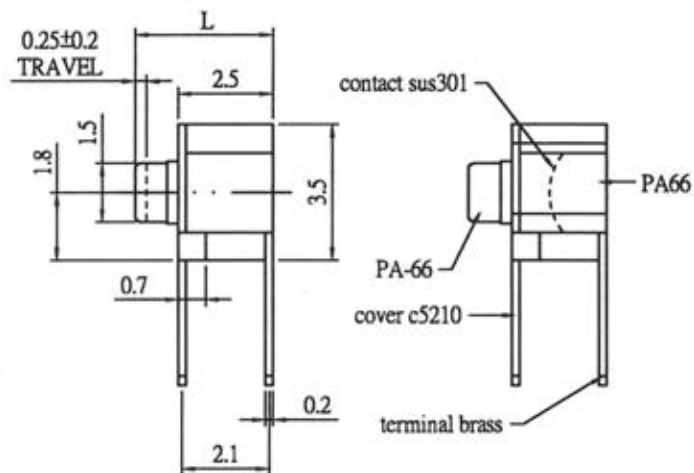
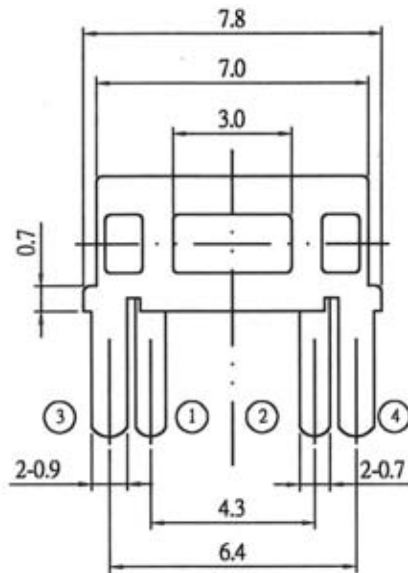


SPECIFICATIONS

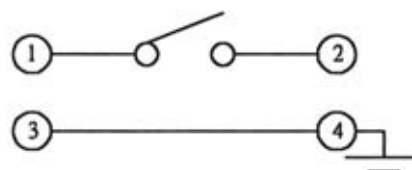
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 50,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 3 B - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.5, 4.2
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 3.5x6 SMT TYPES (3)

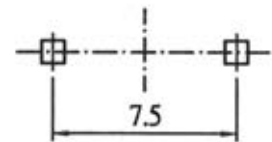
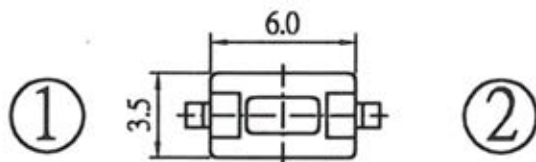


SPECIFICATIONS

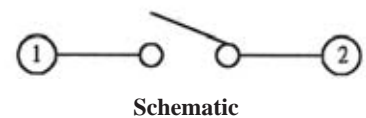
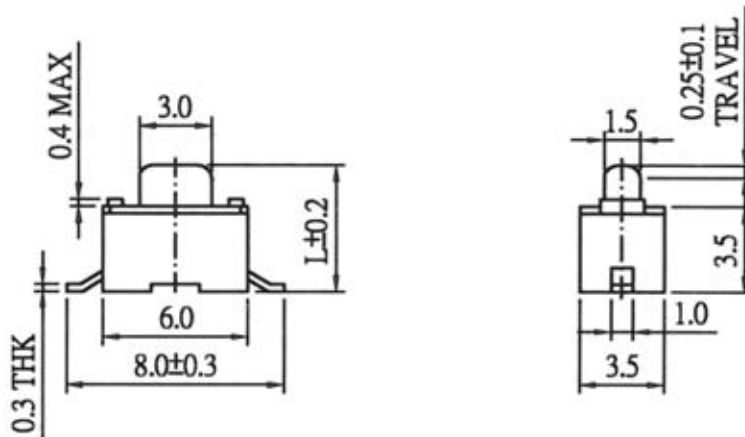
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 C - $\frac{L}{1} \frac{xxx}{2} \frac{W}{3} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 8.0
2. COLOR OF STEM:
"W" WHITE
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x6 SMT TYPES (4)

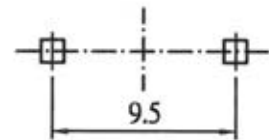
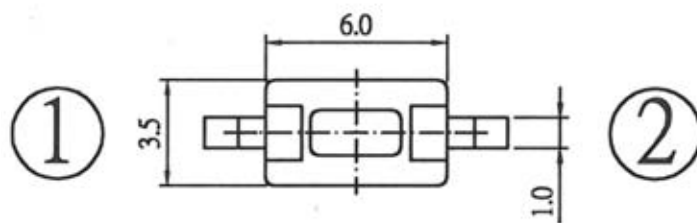


SPECIFICATIONS

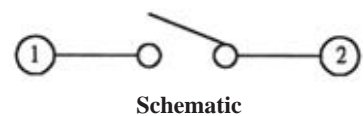
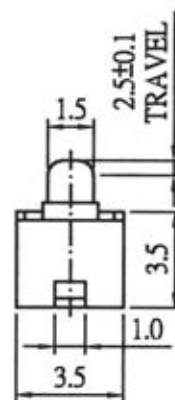
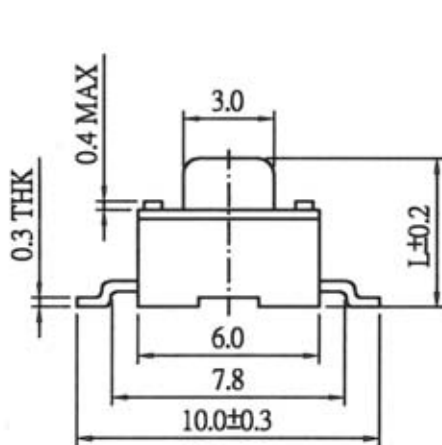
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 D - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 8.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x6 SMT TYPES (5)

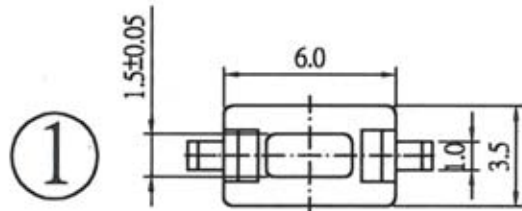


SPECIFICATIONS

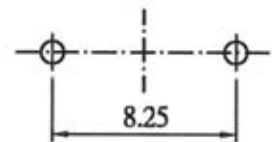
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

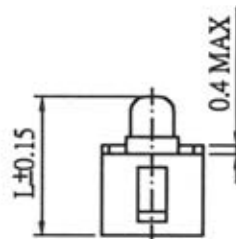
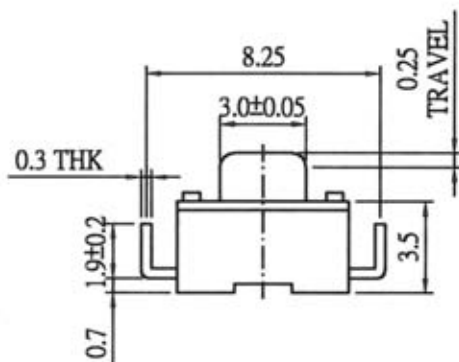
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



(2)



Recommended P.C.Board Layout



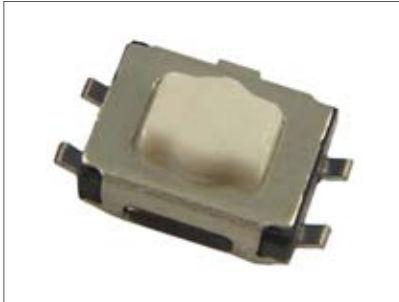
Schematic

ORDERING INFORMATION:

P/N S W T 3 E - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 8.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 SMT TYPES (6)

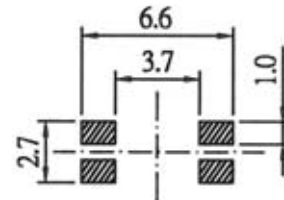
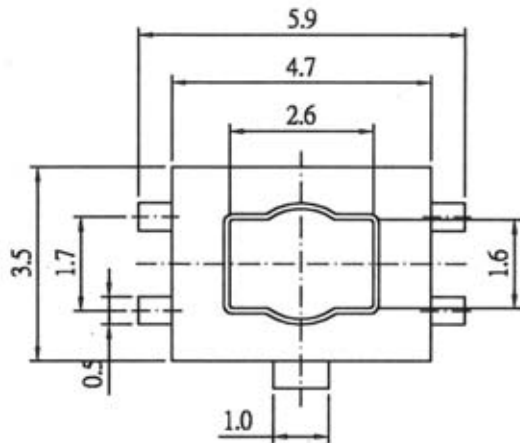


SPECIFICATIONS

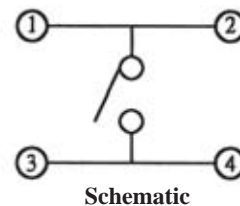
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

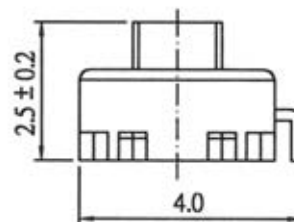
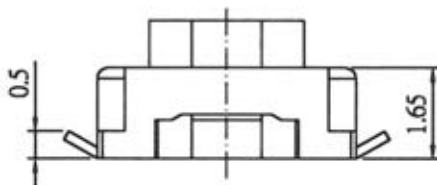
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 3 F - $\frac{L}{1} \frac{2.5}{2} \frac{W}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
L=2.5MM
2. COLOR OF STEM:
"W" WHITE
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.8x8 SMT TYPES (7)

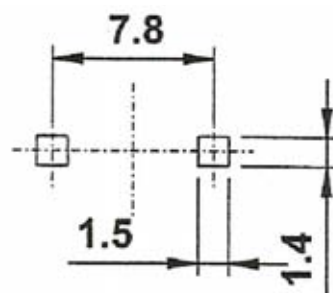
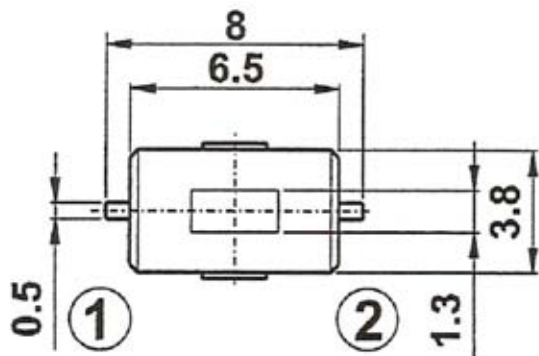


SPECIFICATIONS

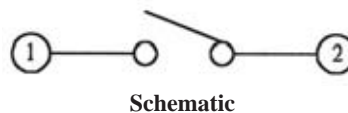
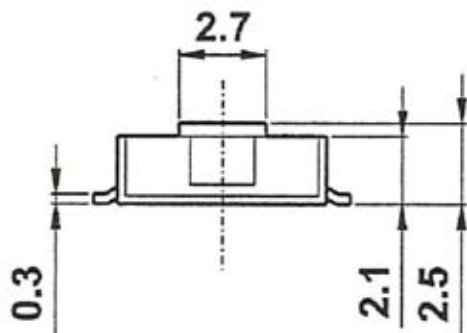
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

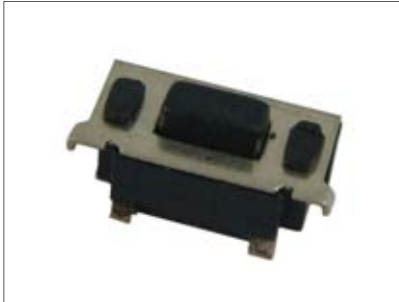


ORDERING INFORMATION:

P/N S W T 3 G - $\frac{L}{1} \frac{2.5}{2} \frac{Y}{3} \frac{X}{X}{4} - X$

1. KNOB HEIGHT L (UNIT: MM):
L=2.5MM
2. COLOR OF STEM:
"Y" YELLOW
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.4x7.8 SMT TYPES (8)

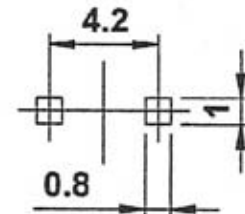
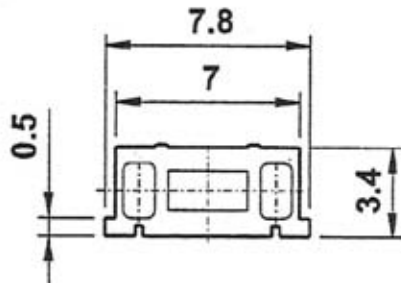


SPECIFICATIONS

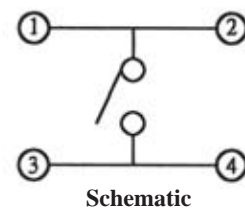
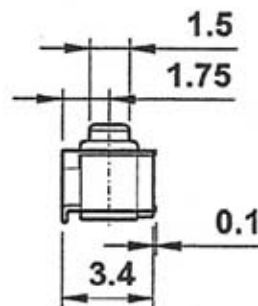
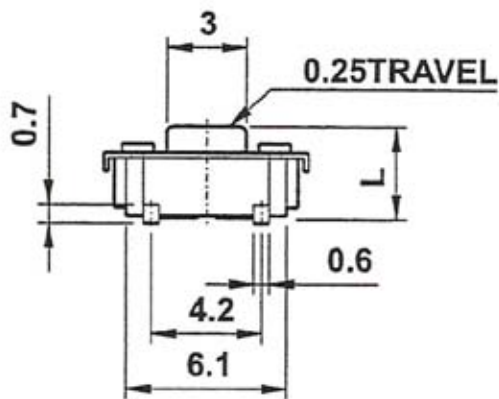
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 H - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.5, 4.2
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x7.8 SMT TYPES (9)

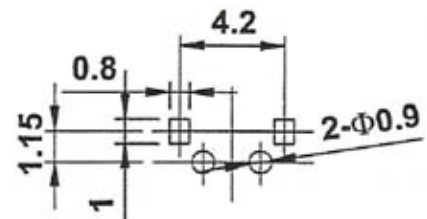
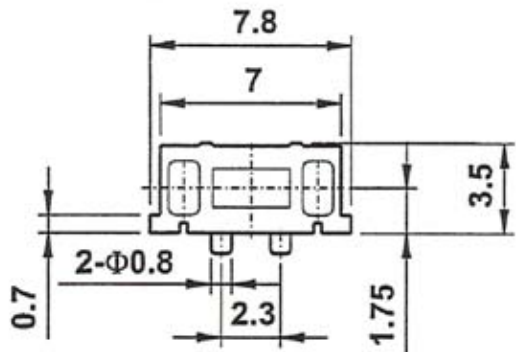


SPECIFICATIONS

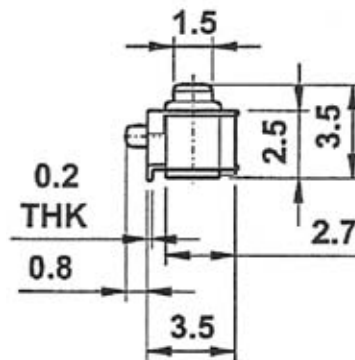
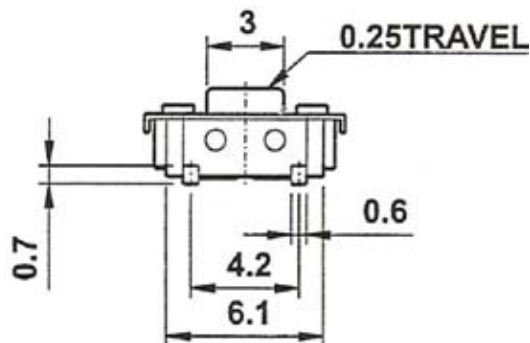
Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Initial Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 J - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.5, 4.2
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x6.7 SMT TYPES (10)

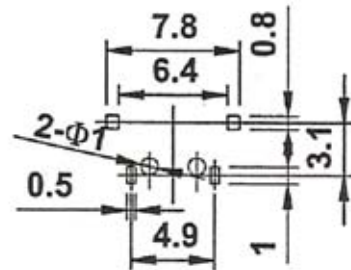
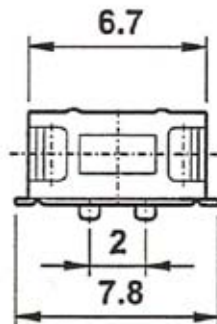


SPECIFICATIONS

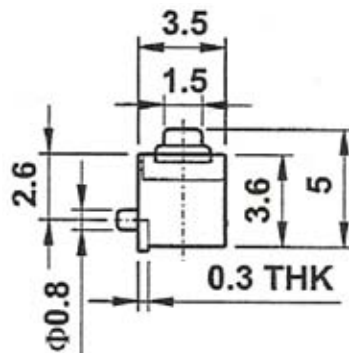
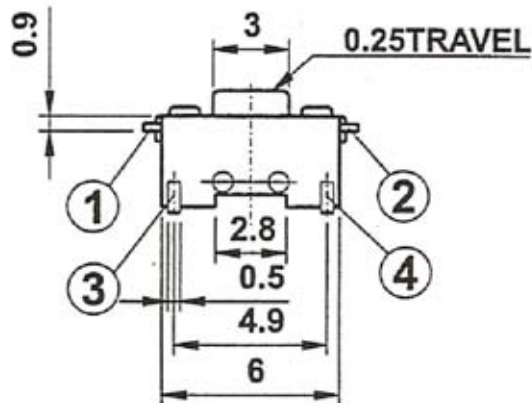
Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Initial Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 K - $\frac{L_{xxx}}{1}$ $\frac{W}{2}$ $\frac{x}{3}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
3.5, 4.2
2. COLOR OF STEM:
"W" WHITE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.7x6.7 SMT TYPES (11)

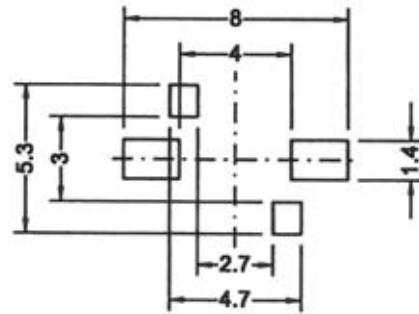
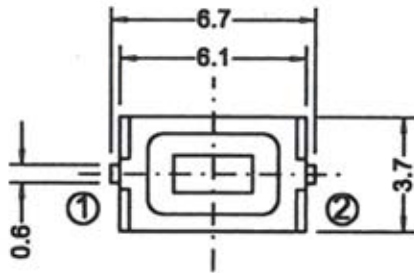


SPECIFICATIONS

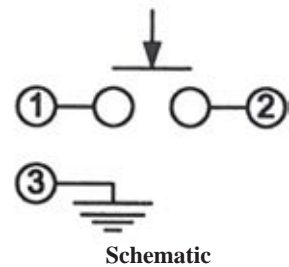
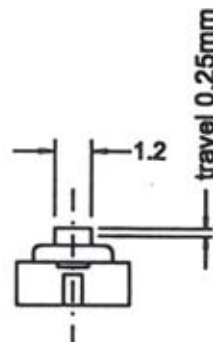
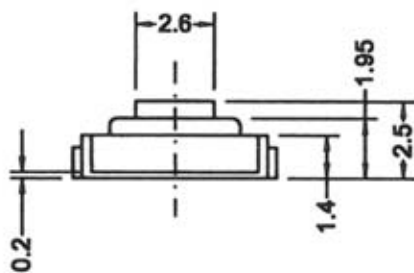
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 L - $\frac{L}{1} \frac{2.5}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
L=2.5MM
2. COLOR OF STEM:
"B" BLACK
"R" RED
"U" BLUE
3. OPERATING FORCE:
"13" 130g
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.7x6.1 SMT TYPES (12)

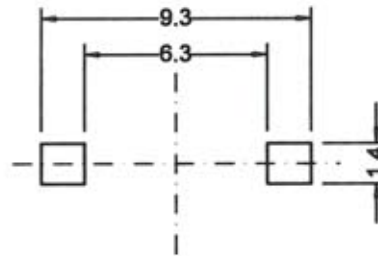
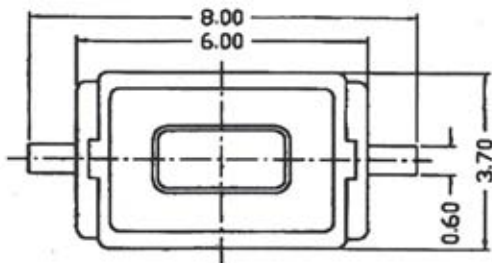


SPECIFICATIONS

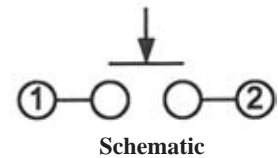
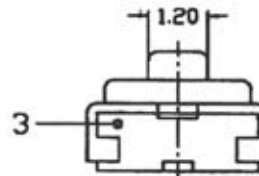
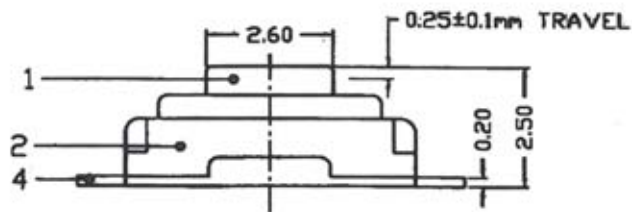
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: SUS
Knob: Nylon + F.G
Case: Nylon + F.G
Contact: SUS
Terminal: Brass Strip, Ag Plated
Seal Plate: Pet, Yellow
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 M - $\frac{L}{1} \frac{2.5}{2} \frac{x}{3} \frac{x}{3} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=2.5MM
2. COLOR OF STEM:
"B" BLACK
"R" RED
"U" BLUE
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 SMT TYPES (13)

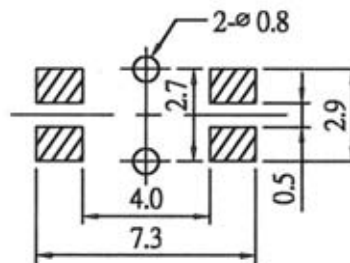
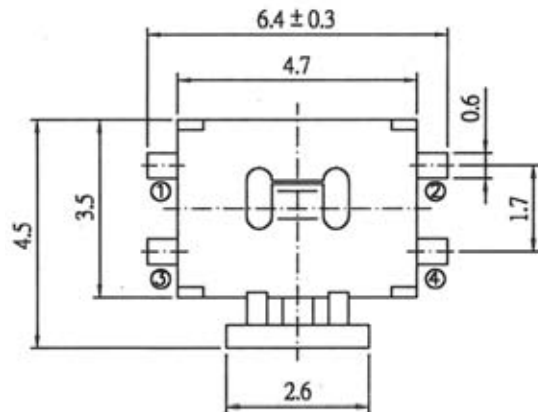


SPECIFICATIONS

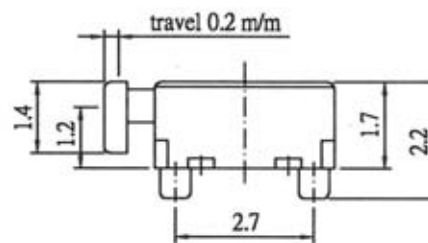
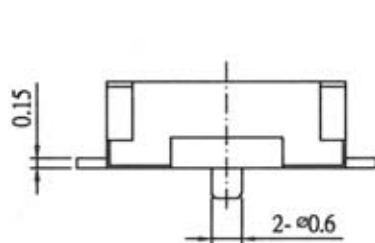
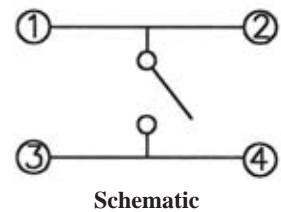
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating Force: 160gf, 260gf ± 30gf
Life Cycle[max]: 20,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

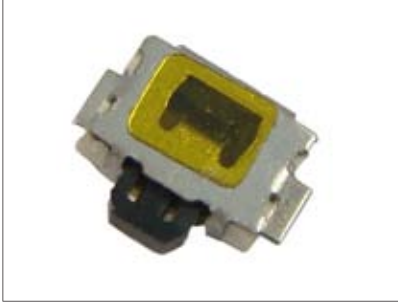


ORDERING INFORMATION:

P/N S W T 3 N - $\frac{L}{1} \frac{2.0}{2} \frac{B}{3} \frac{x}{x} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=2.0MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.6x4.5 SMT TYPES (14)

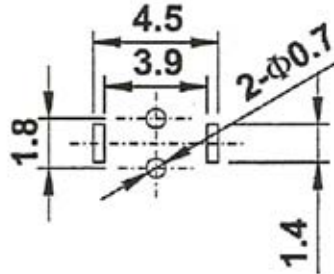
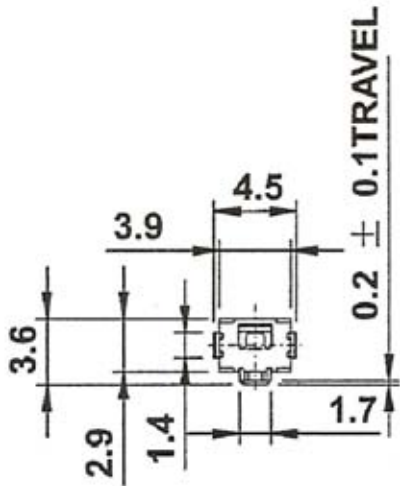


SPECIFICATIONS

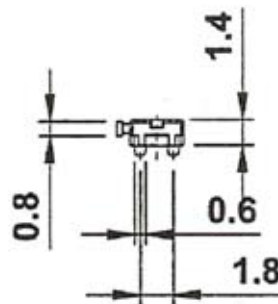
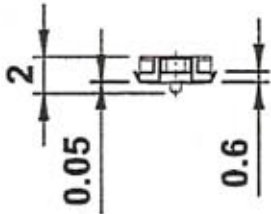
Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Initial Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 P - $\frac{L}{1}$ $\frac{1.4}{2}$ $\frac{B}{3}$ $\frac{x}{4}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=1.4MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 2.9x3.9 SMT TYPES (15)

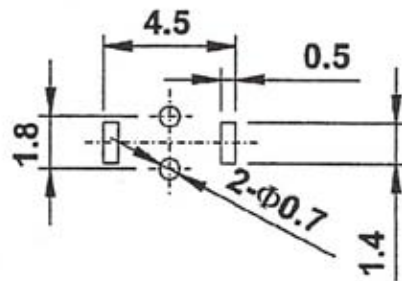
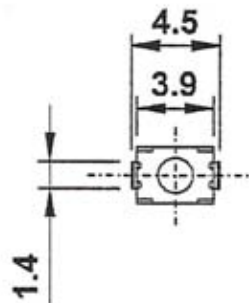


SPECIFICATIONS

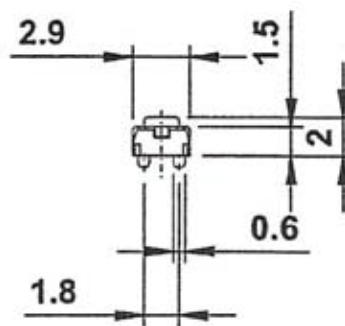
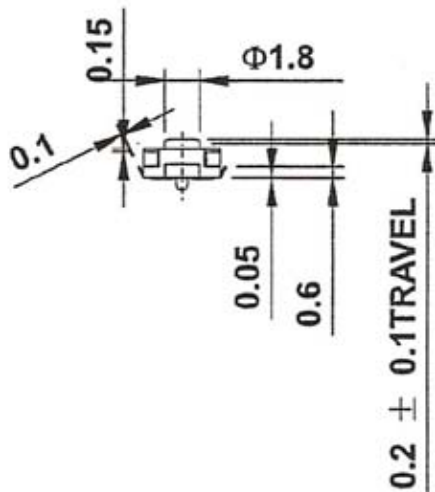
Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Initial Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 Q - $\frac{L_{xxx}}{1} \frac{B_{xx}}{2} \frac{x}{3} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
2.5, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 SMT TYPES (16)

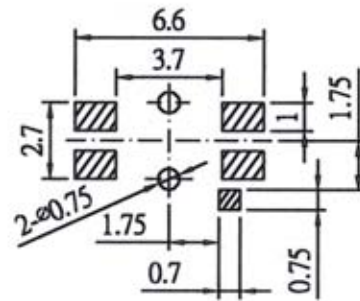
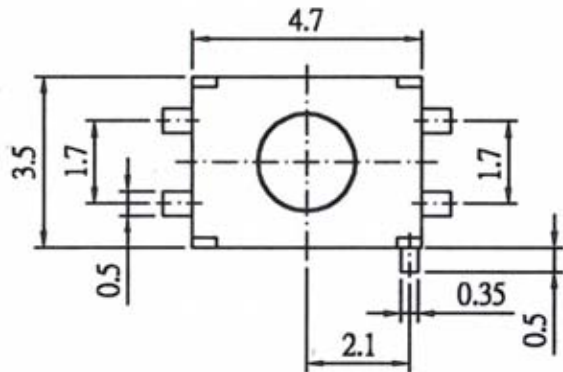


SPECIFICATIONS

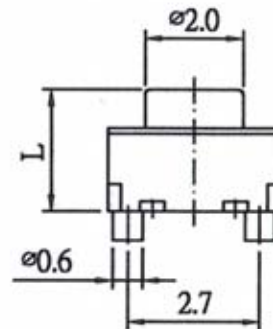
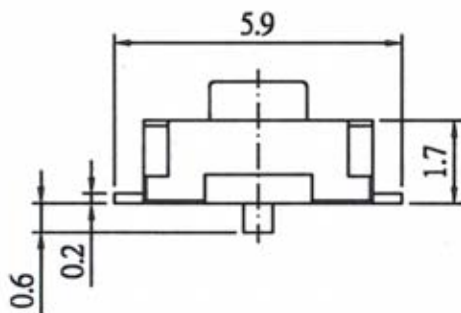
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: 100mΩ
Insulation R.[min]: D.C. 250V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 R - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
2.1, 2.5, 4.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 3.3x6.9 SMT TYPES (17)

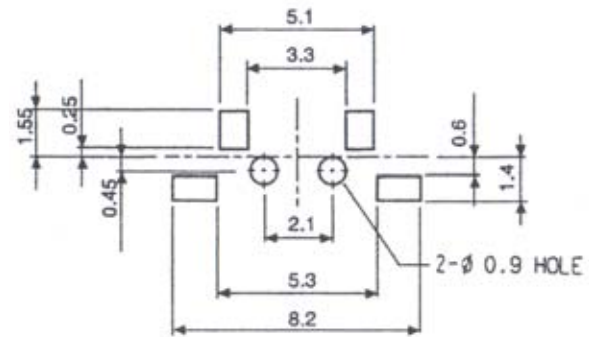
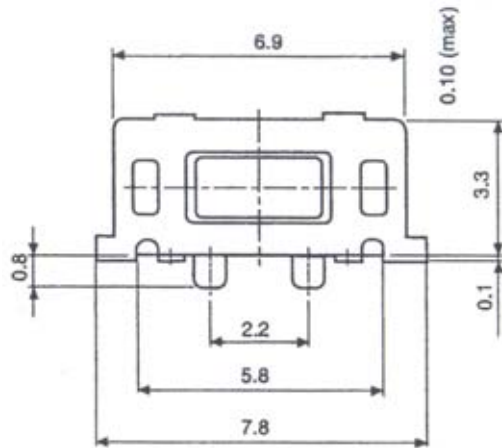


SPECIFICATIONS

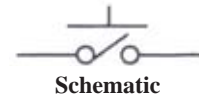
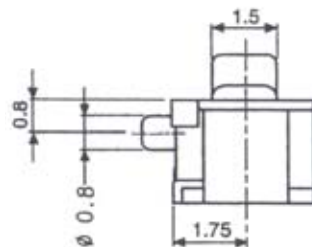
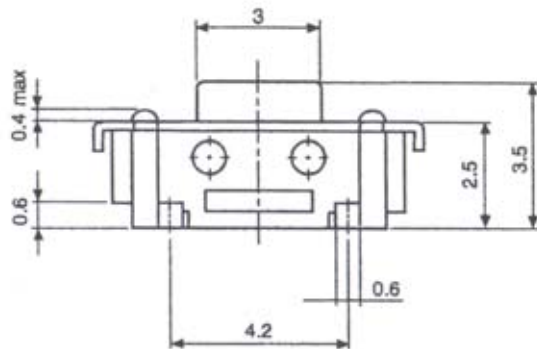
Rating: D.C. 12V 50mA
Operating Force: 180, 250±50gf
Travel: 0.3 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: Nylon 46
Stem: Nylon 46
Cover: SUS 301
Terminal: C2680R-EH, Ag Clad
Contact: SUS 301, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 S - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
3.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x4.5 RIGHT ANGLE SMT TYPES (18)

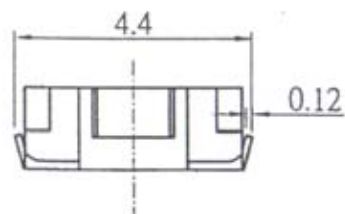
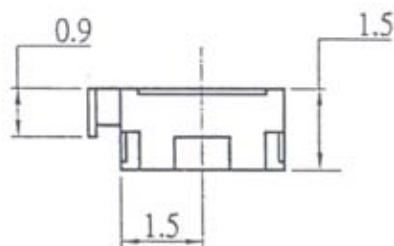
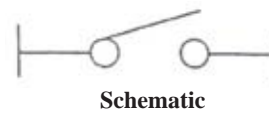
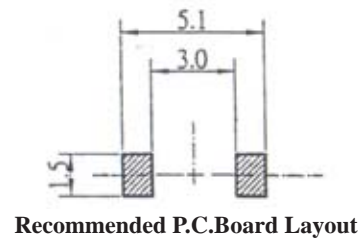
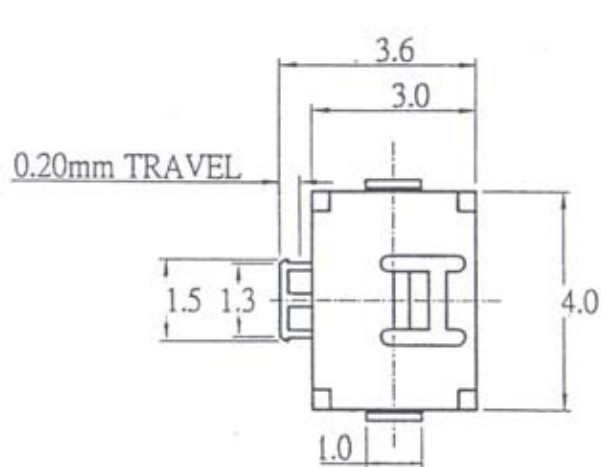


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 180±50gf
Travel: 0.20 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 30,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: LCP, Black
Stem: LCP, Black
Cover: SUS
Terminal: Brass, Ag Coating
Contact: SUS, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W T 3 T - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"18" 180g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.6x4.7 RIGHT ANGLE SMT TYPES (19)

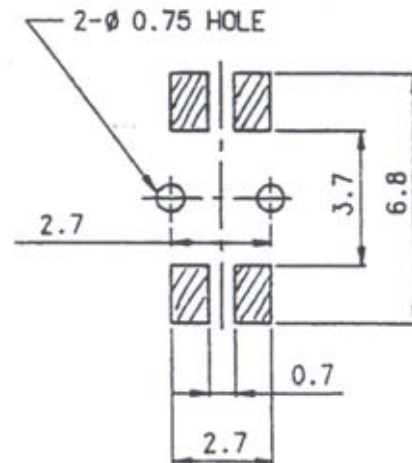
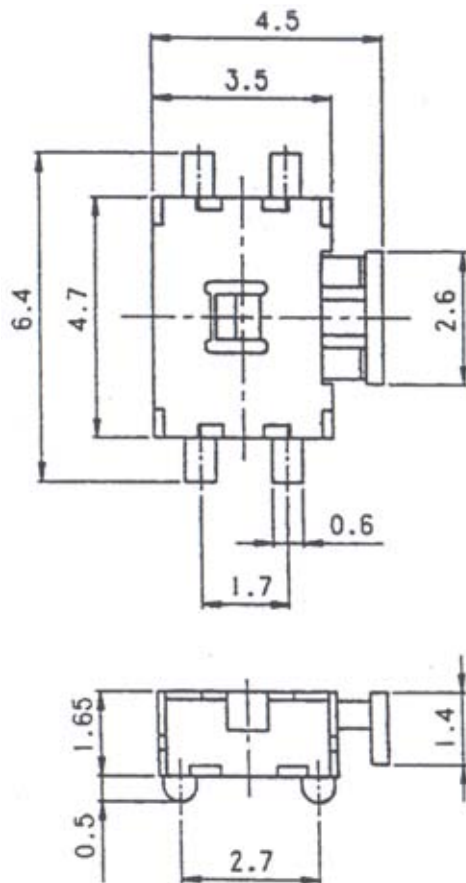


SPECIFICATIONS

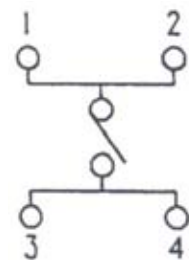
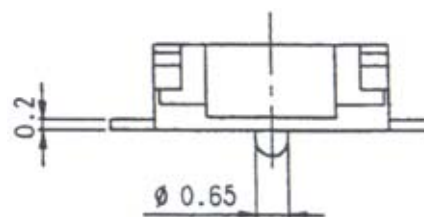
Rating: D.C. 12V 50mA
Operating Force: 200±50gf
Travel: 0.30 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: LCP
Stem: Nylon 46
Cover: SUS 301
Terminal: C2680R-EH, Ag Clad
Contact: SUS 301, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 3 U - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
1.4
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"20" 200g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 RIGHT ANGLE SMT TYPES (20)

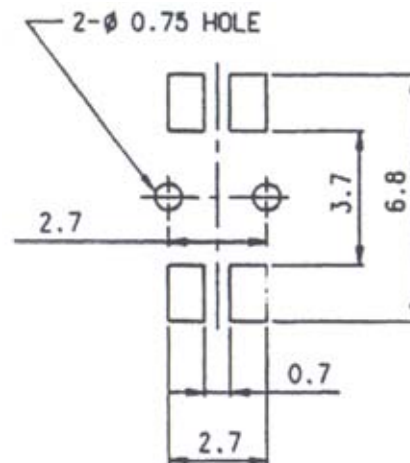
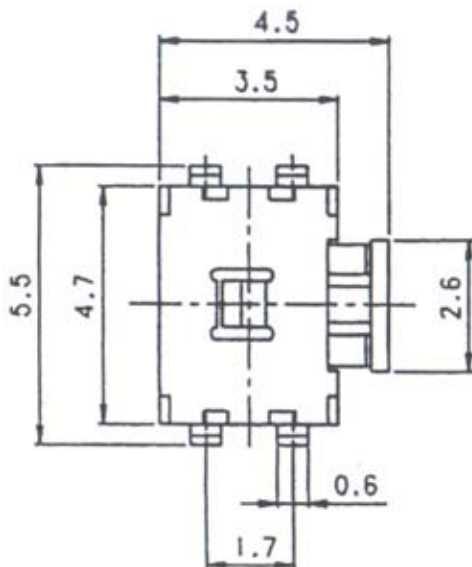


SPECIFICATIONS

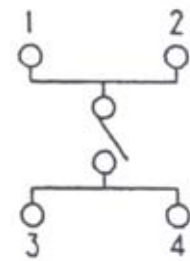
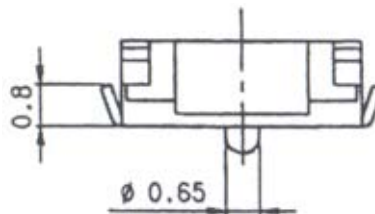
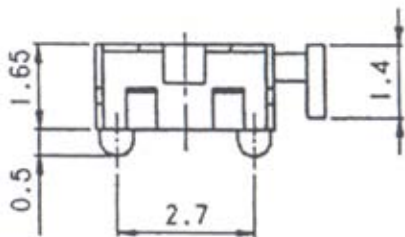
Rating: D.C. 12V 50mA
Operating Force: 200±50gf
Travel: 0.30 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: LCP
Stem: Nylon 46
Cover: SUS 301
Terminal: C2680R-EH, Ag Clad
Contact: SUS 301, Ag Clad
Unit: mm



Recommended P.C.Board Layout



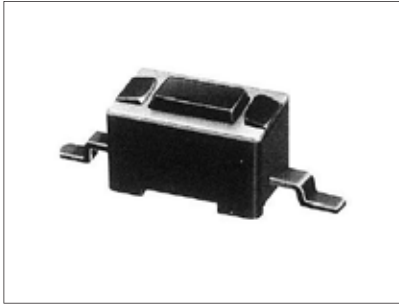
Schematic

ORDERING INFORMATION:

P/N S W T 3 V - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.4
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"20" 200g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.6x6.0 SMT TYPES (21)

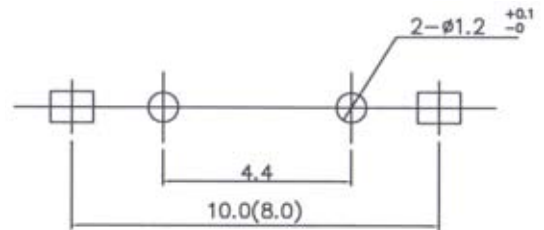
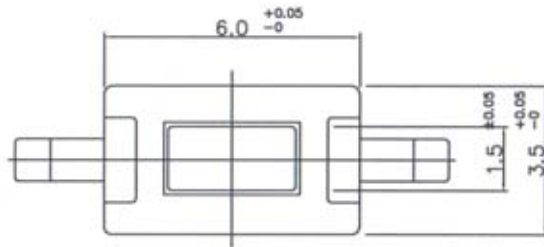


SPECIFICATIONS

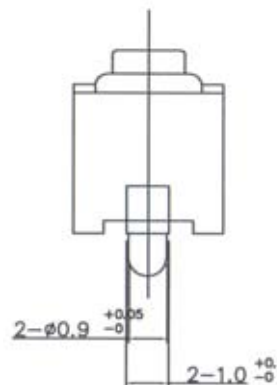
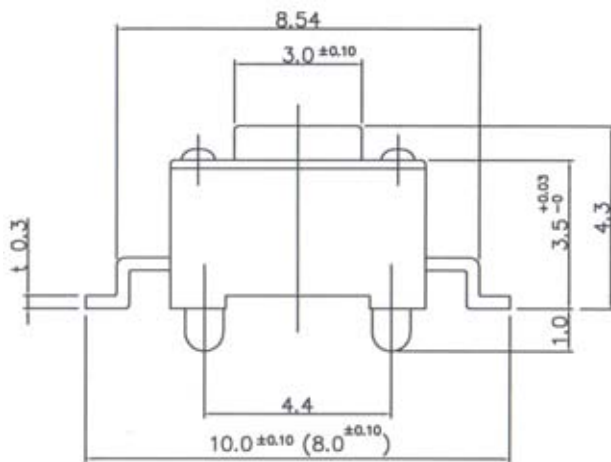
Rating: D.C. 12V 50mA
Operating Force: 130, 180, 250gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000(130,180gf) 30,000(250gf)
 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 3 1 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"13" 130g
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.6x6.0 SMT TYPES (22)

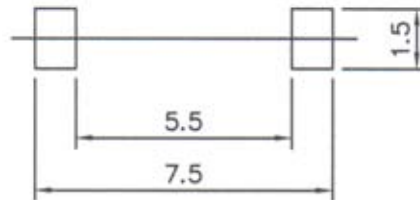
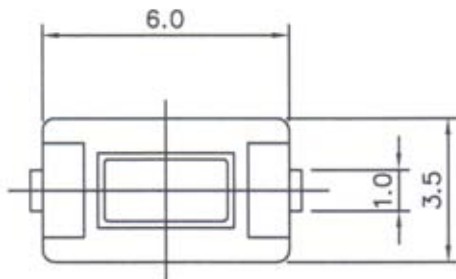


SPECIFICATIONS

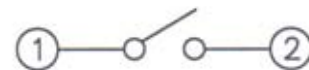
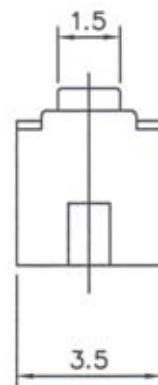
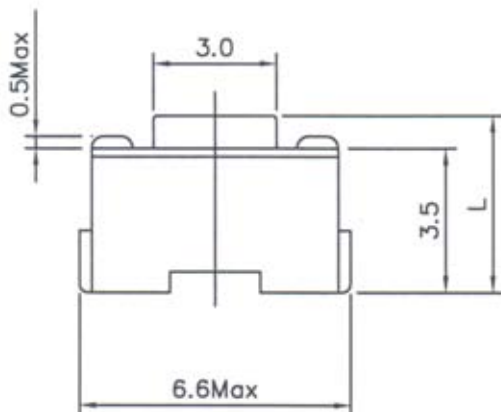
Rating: D.C. 12V 50mA
Operating Force: 130, 180, 250gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



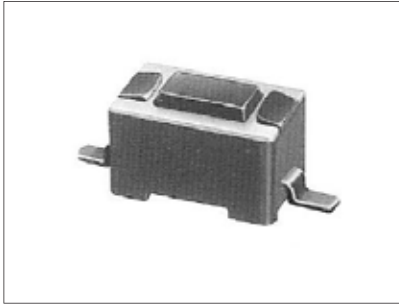
Schematic

ORDERING INFORMATION:

P/N S W T 3 2 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"13" 130g
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.6x6.0 SMT TYPES (23)

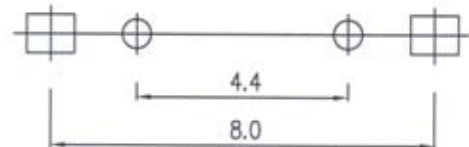
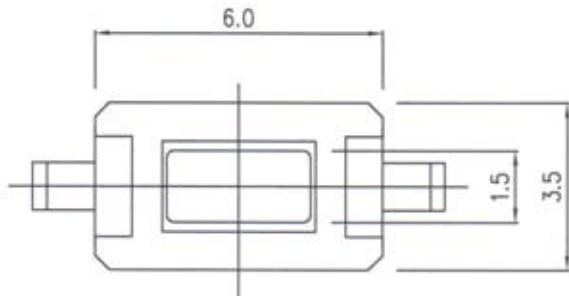


SPECIFICATIONS

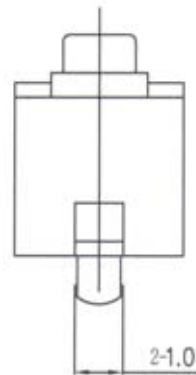
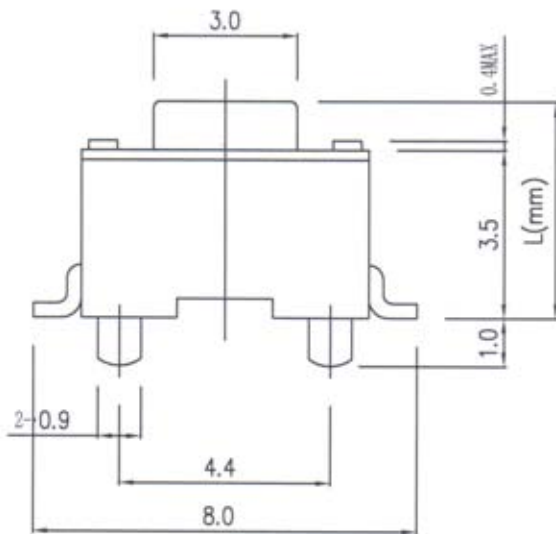
Rating: D.C. 12V 50mA
Operating Force: 130, 180, 250gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 3 3 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"13" 130g
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.6x6.0 SMT TYPES (24)

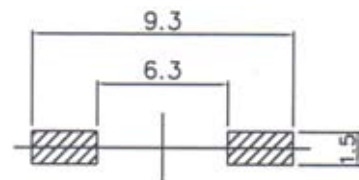
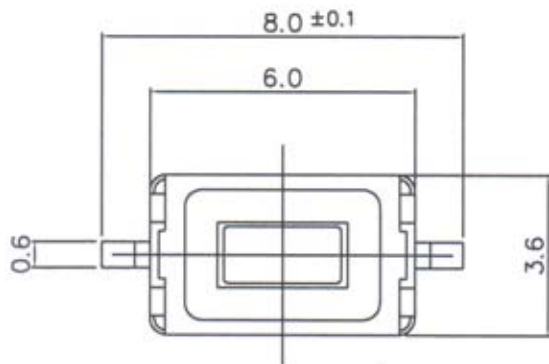


SPECIFICATIONS

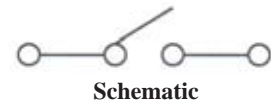
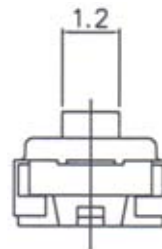
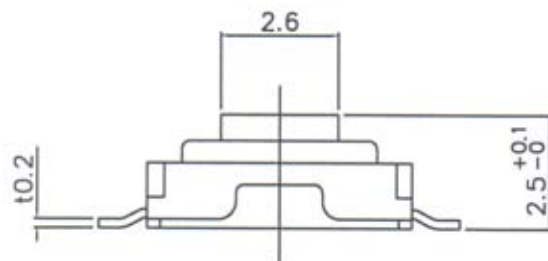
Rating: D.C. 12V 50mA
Operating Force: 180 ±30gf, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



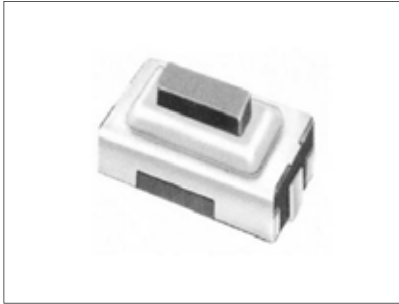
Schematic

ORDERING INFORMATION:

P/N S W T 3 4 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
2.5
2. COLOR OF STEM:
"W" WHITE
"R" RED
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x7.0 SMT TYPES (25)

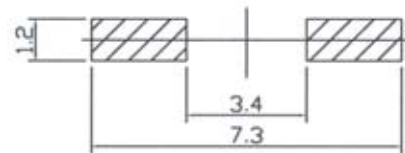
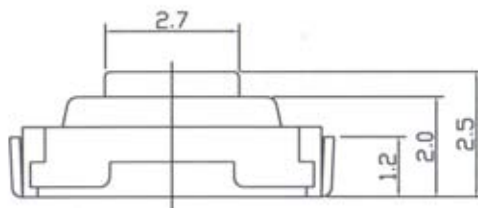
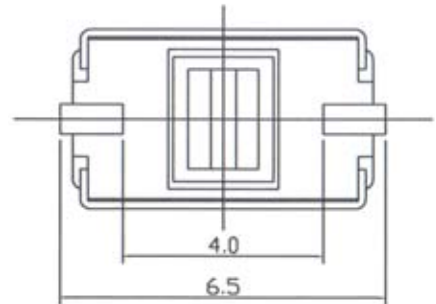
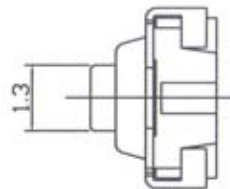
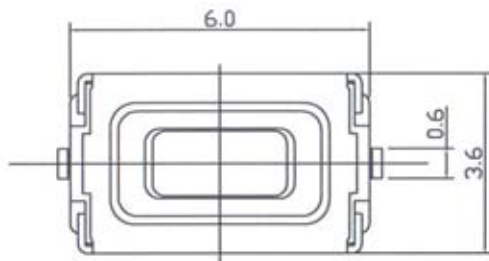


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 180 ±30gf, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000(180gf) 30,000(250gf) Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 3 5 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
2.5
2. COLOR OF STEM:
"W" WHITE
"R" RED
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x7.0 SMT TYPES (26)



SPECIFICATIONS

Rating: D.C. 12V 50mA

Operating Force: 160 ±30gf, 250 ±50gf

Travel: 0.25 ±0.1mm

Contact Resistance: 100mΩ Max

Life: 50,000(160gf) 30,000(250gf) Cycles min

All materials must be RoHS compliant.

MATERIALS

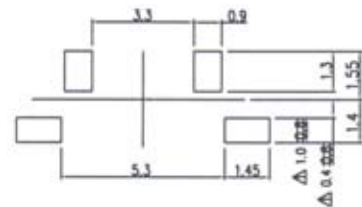
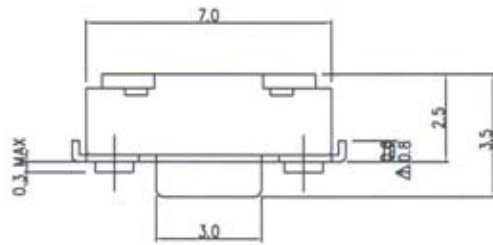
Cover: 0.2mm SUS, Washing

Knob: POM, Black

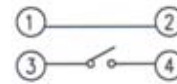
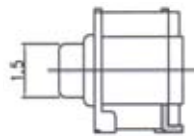
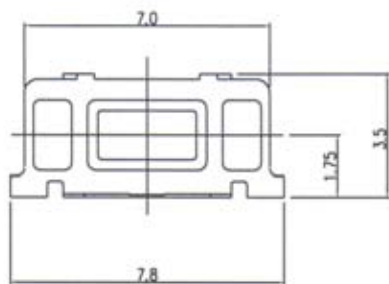
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

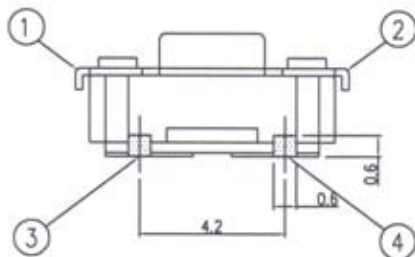
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 3 6 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

3.5

2. COLOR OF STEM:

"B" BLACK

"R" RED

3. OPERATING FORCE:

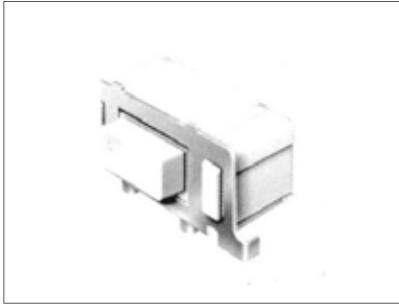
"16" 160g

"25" 250g

4. PACKAGE OPTION:

"R" TAPE & REEL

TACT SWITCHES 3.5x7.0 SMT TYPES (27)

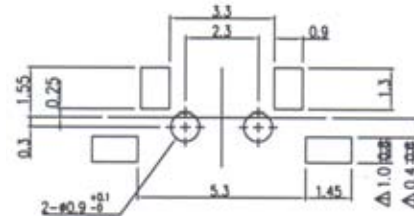
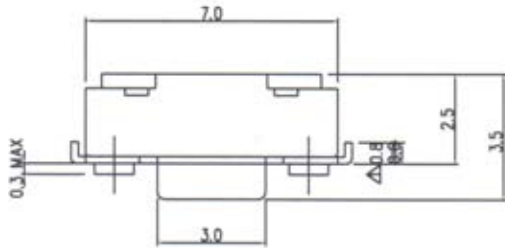


SPECIFICATIONS

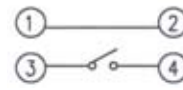
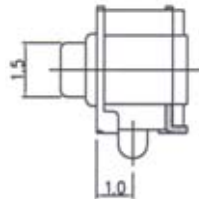
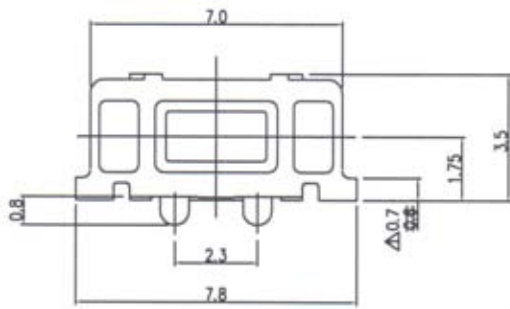
Rating: D.C. 12V 50mA
Operating Force: 160 ±30gf, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000(160gf) 30,000(250gf) Cycles min
All materials must be RoHS compliant.

MATERIALS

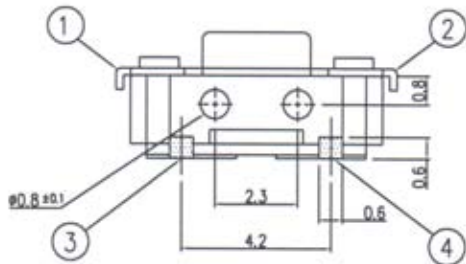
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

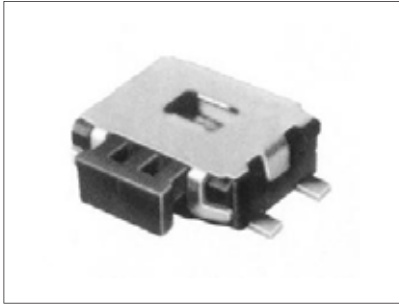


ORDERING INFORMATION:

P/N S W T 3 7 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.5
2. COLOR OF STEM:
"B" BLACK
"R" RED
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 SMT TYPES (28)

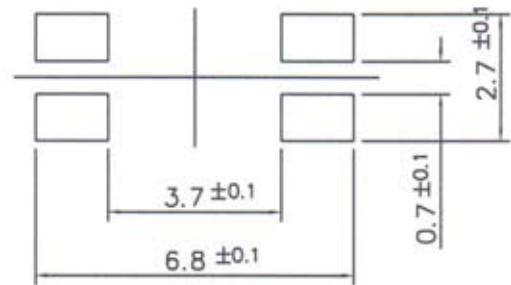
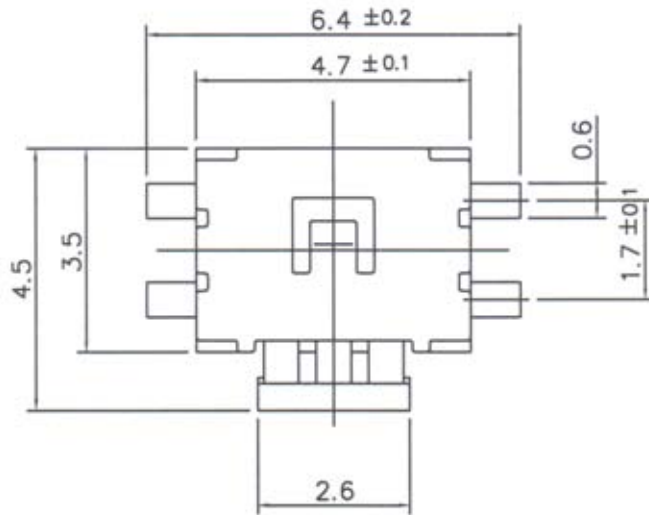


SPECIFICATIONS

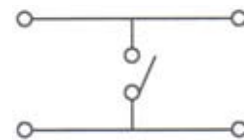
Rating: D.C. 12V 50mA
Operating Force: 170 ±50gf, 220 ±50gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

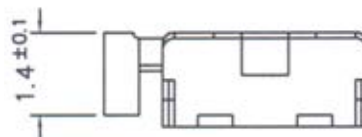
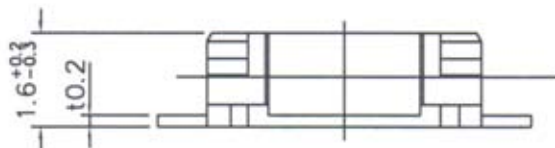
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 3 8 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.6
2. COLOR OF STEM:
"B" BLACK
"R" RED
3. OPERATING FORCE:
"17" 170g
"22" 220g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.5x4.7 SMT TYPES (29)

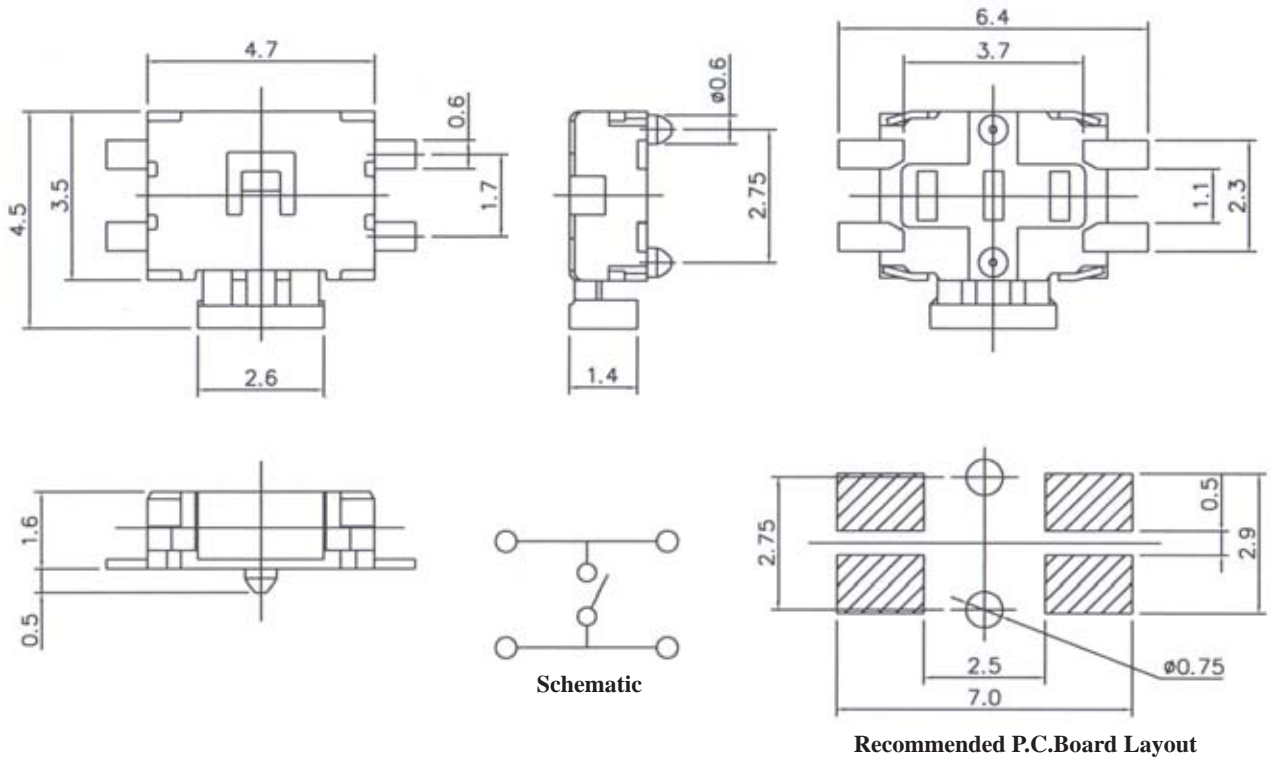


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 170 ±50gf, 220 ±50gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W T 3 9 - $\frac{L}{1} \frac{xxx}{2} \frac{xxx}{3} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
1.6
2. COLOR OF STEM:
"B" BLACK
"R" RED
3. OPERATING FORCE:
"17" 170g
"22" 220g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 4.3x7.3 RIGHT ANGLE TYPES (1)

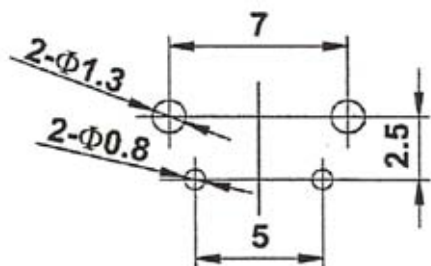
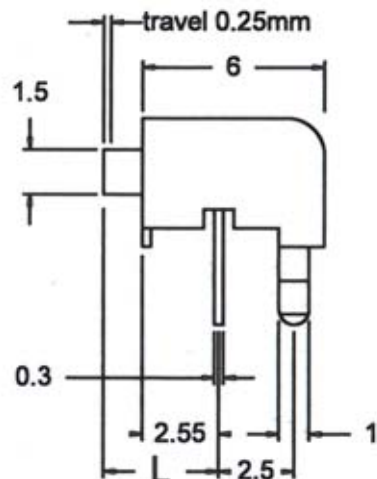
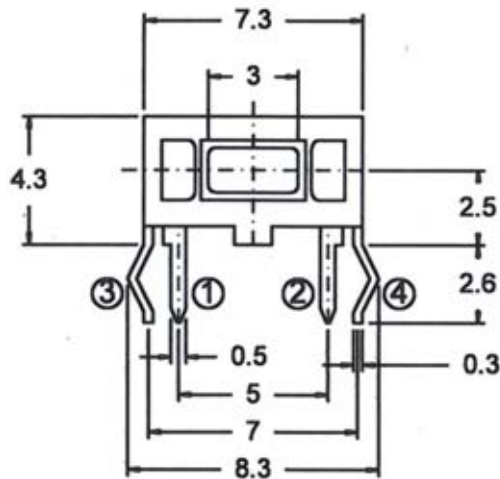


SPECIFICATIONS

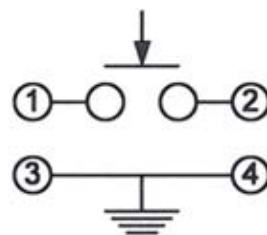
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 20,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



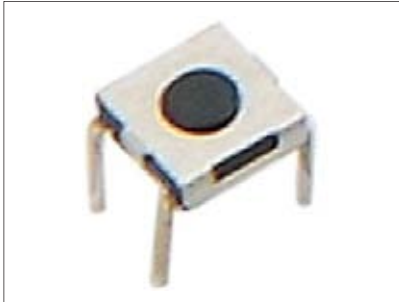
Schematic

ORDERING INFORMATION:

P/N S W T 4 A - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.15, 3.85, 6.85
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 4.5x4.56 THROUGH HOLE TYPES (2)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 250V 1minute

Life Cycle[max]: 300,000 Cycles

All materials must be RoHS compliant.

MATERIALS

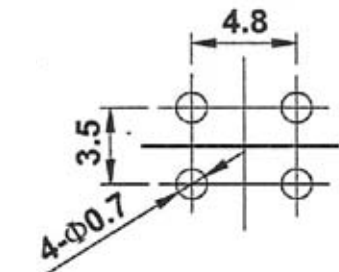
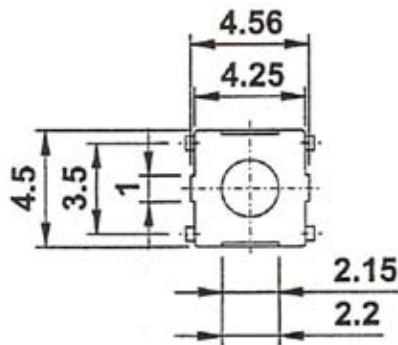
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

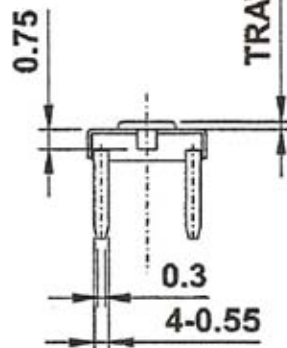
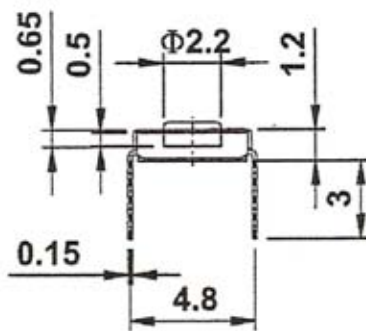
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout

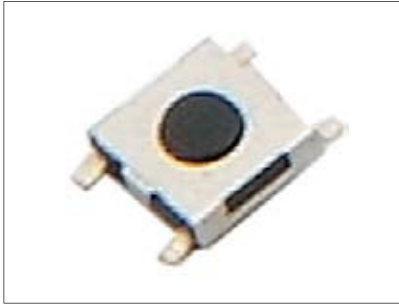


ORDERING INFORMATION:

P/N S W T 4 B - $\frac{L}{1} \frac{B}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.3, 1.5, 4.3
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 4.5x4.56 SMT TYPES (3)

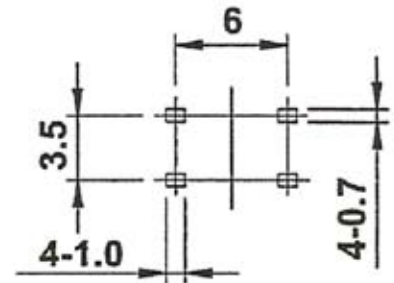
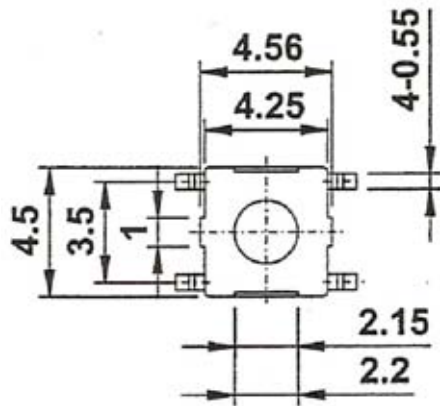


SPECIFICATIONS

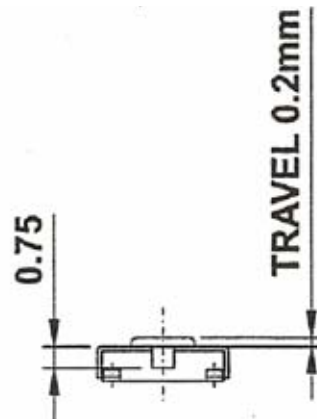
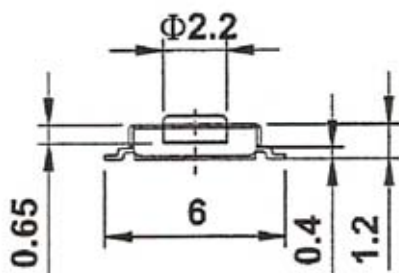
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 300,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 C - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.3, 1.5, 4.3
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 4.0x7.5 SMT HOLE TYPES (4)

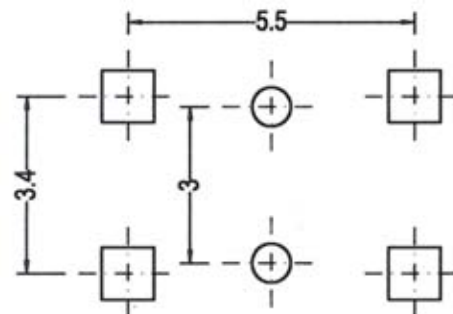
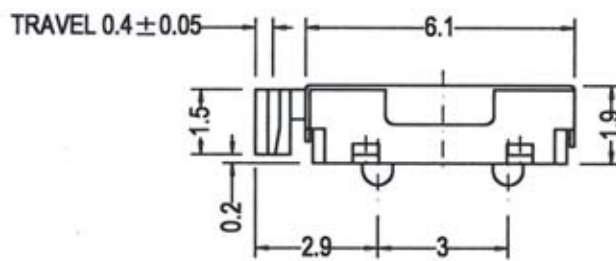
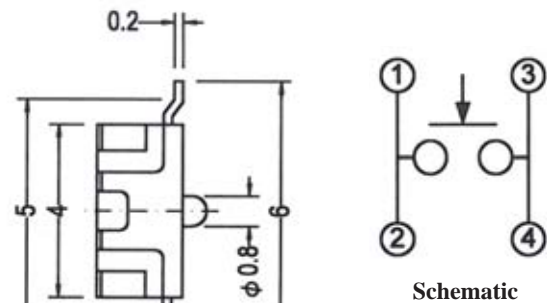
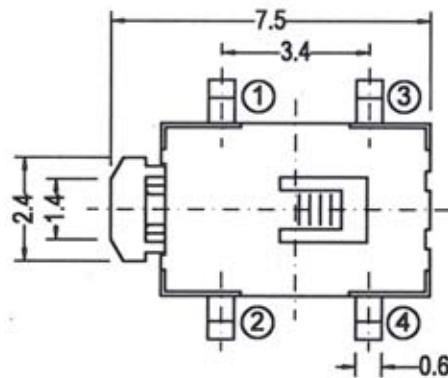


SPECIFICATIONS

Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 50,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.15mm SUS, Washing
Knob: Nylon + F.G + 94V0, Black
Case: PA 46/0.2mm Brass Strip, Black/Ag Plated
Contact: SUS, Ag Clad
Seal Plated: PET, Brown
Unit: mm



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 4 D - $\frac{L}{1}$ $\frac{1.9}{2}$ $\frac{B}{3}$ $\frac{x}{x}{4}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=1.9MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 4.8x4.8 SMT TYPES (5)

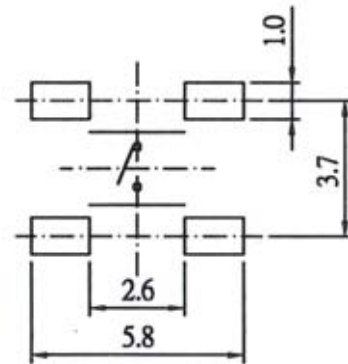
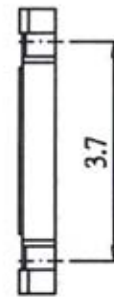
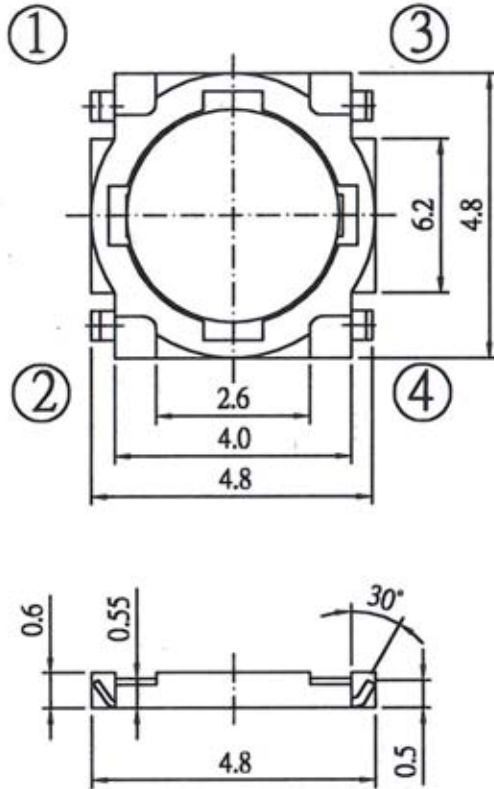


SPECIFICATIONS

Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating force: 160±50gf
Life Cycle[max]: 300,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 4 E - $\frac{L}{1} \frac{0.6}{2} \frac{Y}{3} \frac{X}{4} - X$

1. KNOB HEIGHT L (UNIT: MM):
L=0.6MM
2. COLOR OF STEM:
"Y" YELLOW
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 4.5x4.5 RIGHT ANGLE TYPES (6)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100mΩ

Withstand VOL.: A.C. 250V 1minute

Life Cycle[max]: 300,000 Cycles

All materials must be RoHS compliant.

MATERIALS

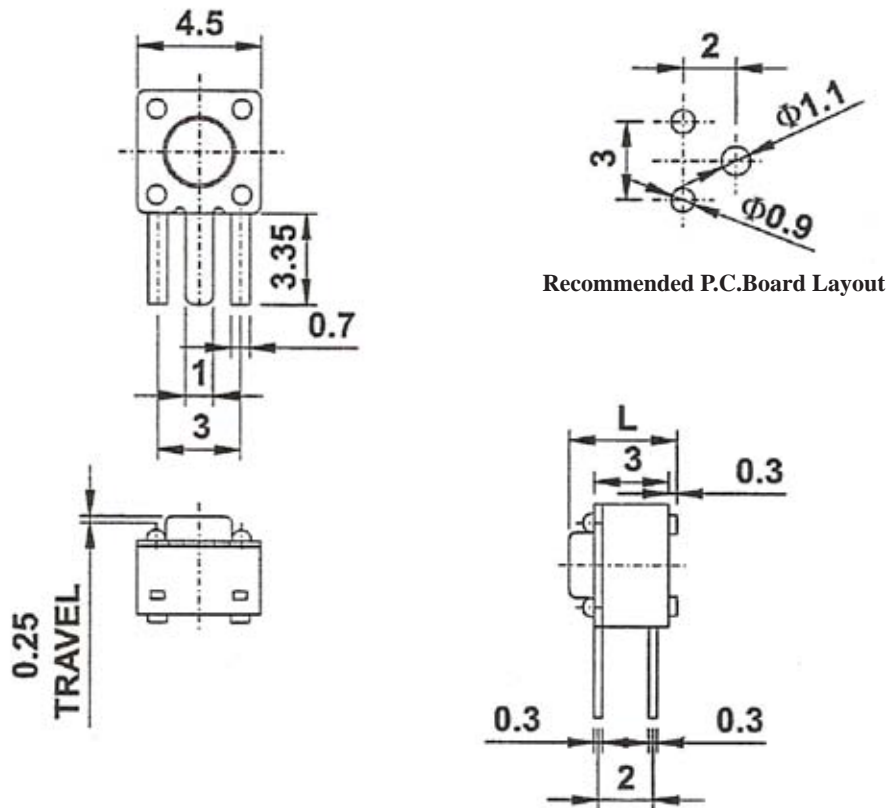
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



ORDERING INFORMATION:

P/N S W T 4 F - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.8, 5.0, 7.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 4.5x4.5 THROUGH HOLE TYPES (7)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 100mΩ

Insulation R.[min]: D.C. 100V 100mΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

Cover: Steel Strip, Ni Plated

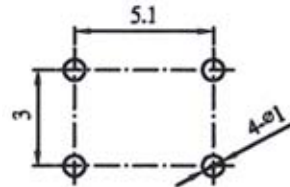
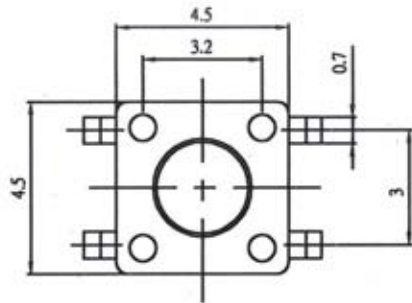
Knob: Nylon/POM, Black

Case: Nylon F.C, Black

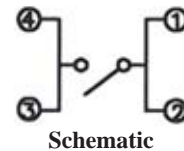
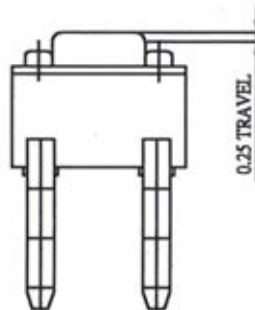
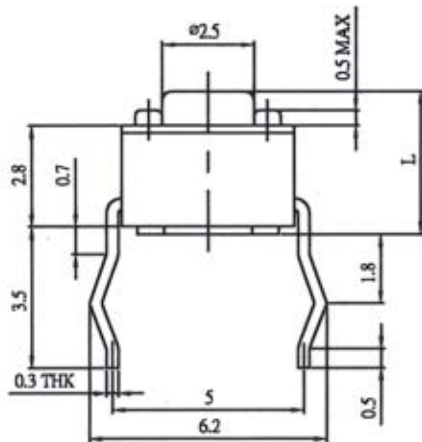
Contact: PBS C5210R-EH, Ag Clad

Terminal: Brass Strip, Ag Plated over Ni Plated

Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 G - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

3.86, 6.0, 7.0

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

TACT SWITCHES 4.5x4.5 SMT TYPES (8)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 100mΩ

Insulation R.[min]: D.C. 100V 100mΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

Cover: Steel Strip, Ni Plated

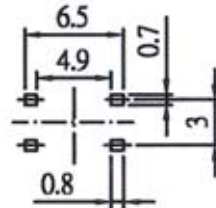
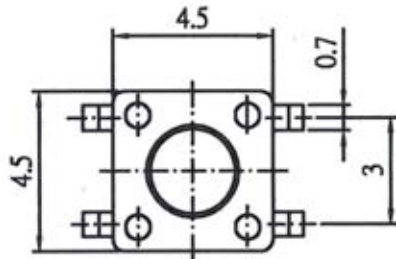
Knob: Nylon/POM, Black

Case: Nylon F.C, Black

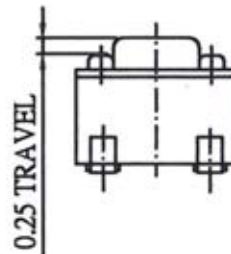
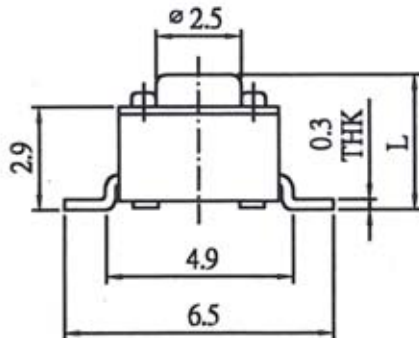
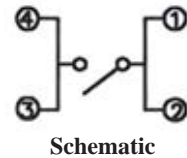
Contact: PBS C5210R-EH, Ag Clad

Terminal: Brass Strip, Ag Plated over Ni Plated

Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 H - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):

3.86, 6.0, 7.0

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

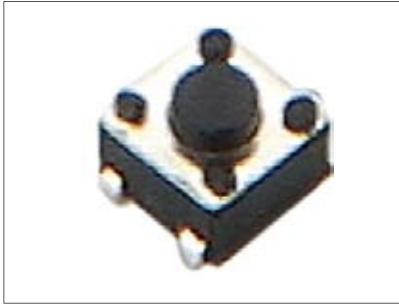
"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

"R" TAPE & REEL

TACT SWITCHES 4.5x4.5 SMT TYPES (9)

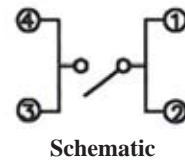
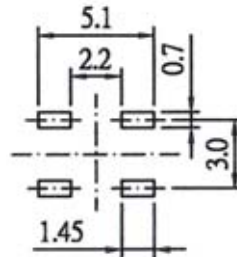
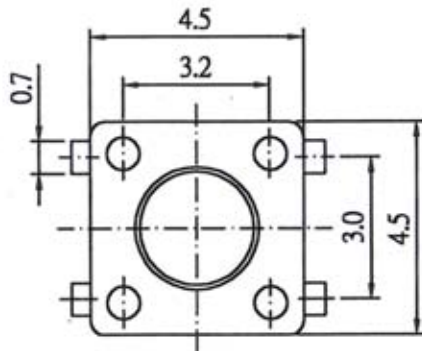


SPECIFICATIONS

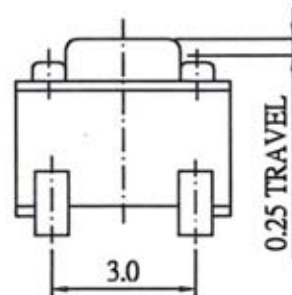
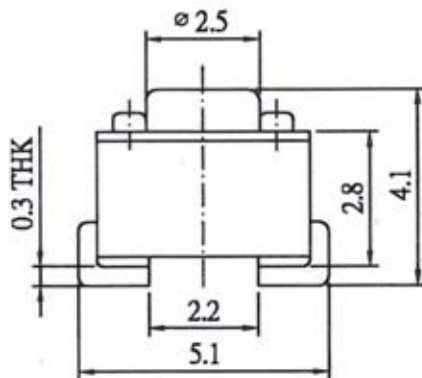
Circuit: ON-ON
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating Force: 160, 260 ± 150gf
 All materials must be RoHS compliant.

MATERIALS

Cover: Steel Strip, Ni Plated
Knob: Nylon/POM, Black
Case: Nylon F.C, Black
Contact: PBS C5210R-EH, Ag Clad
Terminal: Brass Strip, Ag Plated over Ni Plated
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 J - $\frac{L}{1} \frac{4.1}{2} \frac{B}{3} \frac{X}{X} \frac{X}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=4.1MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 4.5x4.5 THROUGH HOLE TYPES (10)

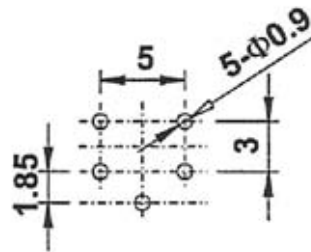
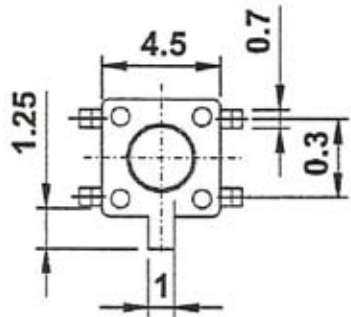


SPECIFICATIONS

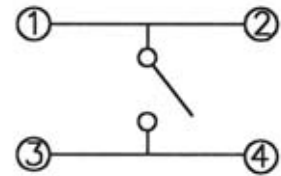
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100mΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 300,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

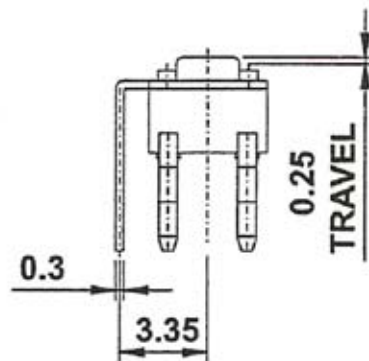
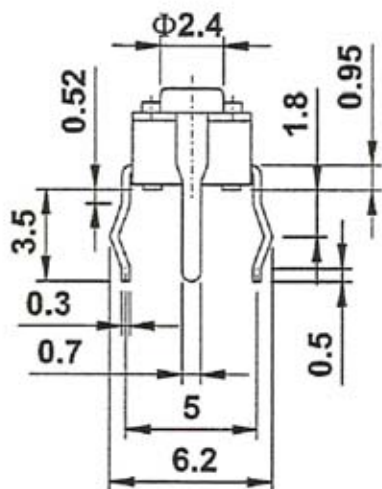
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 4 K - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.8, 5.0, 7.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 4.1x7.6 SMT TYPES (11)

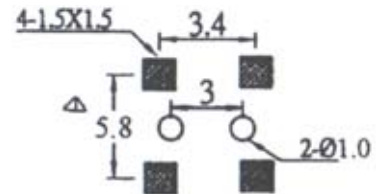
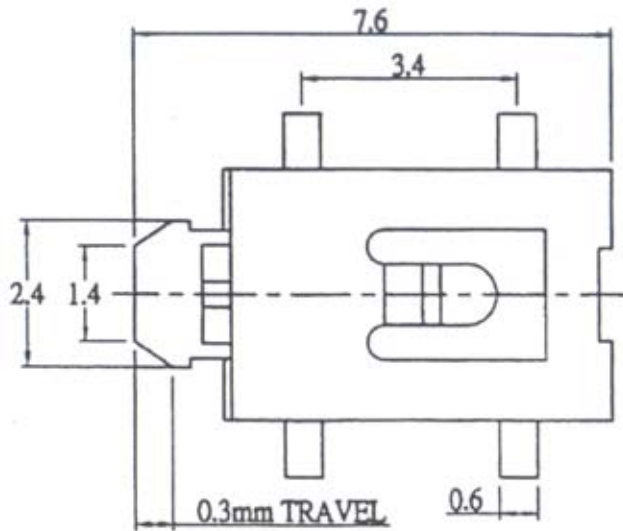


SPECIFICATIONS

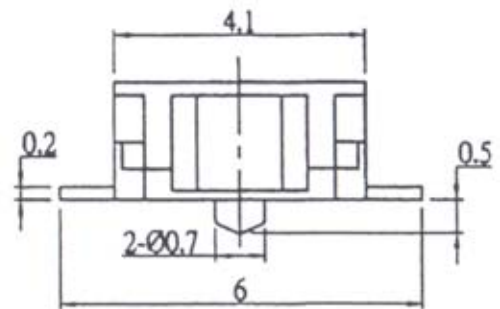
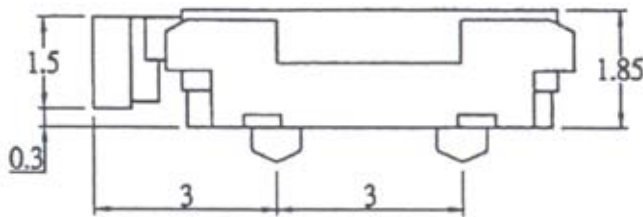
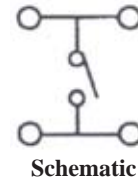
Rating: D.C. 12V 50mA
Operating Force: 180, 250±50gf
Travel: 0.3 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: PA9T, Black
Stem: PA9T
Cover: SUS
Terminal: C2680R-EH, Ag Coating
Contact: SUS , Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 L - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
1.85
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 4.2x4.8 SMT TYPES (12)

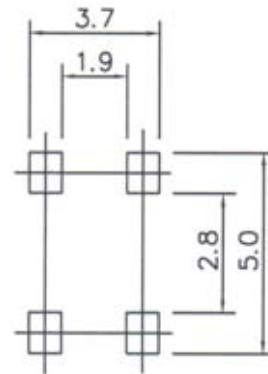
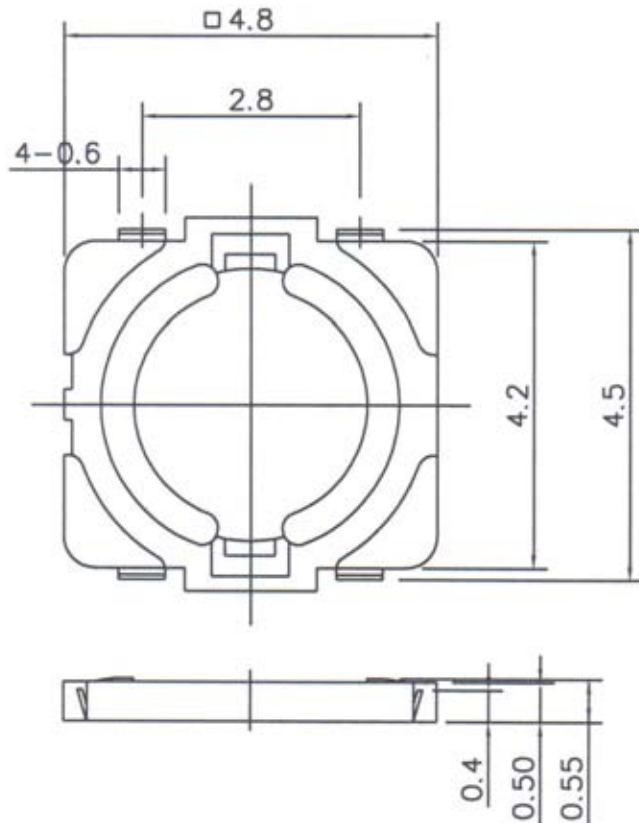


SPECIFICATIONS

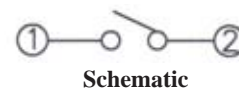
Rating: D.C. 12V 50mA
Operating Force: 160 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 4 1 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
0.55
2. COLOR OF STEM:
"W" WHITE
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 4.2x4.8 SMT TYPES (13)

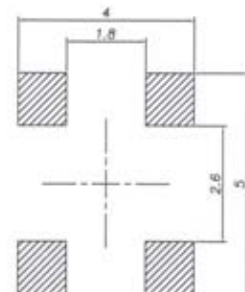
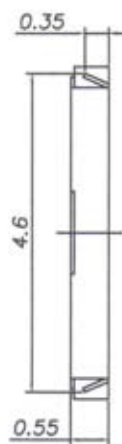
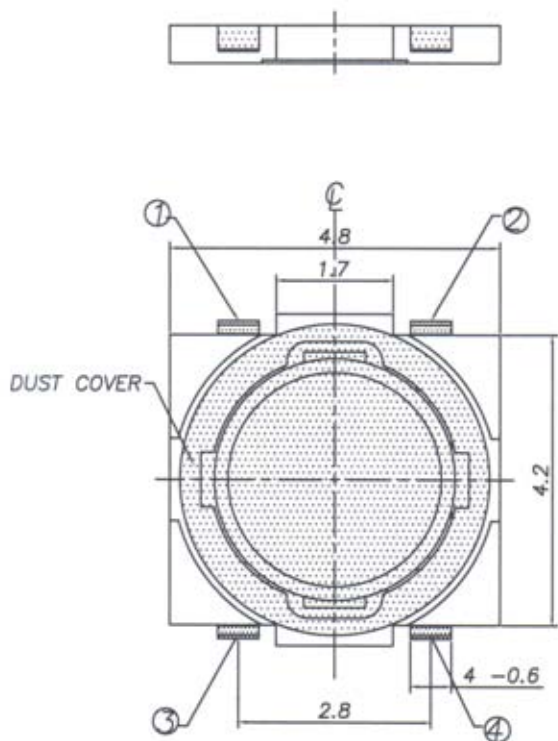


SPECIFICATIONS

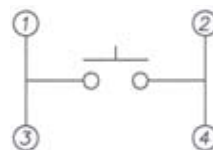
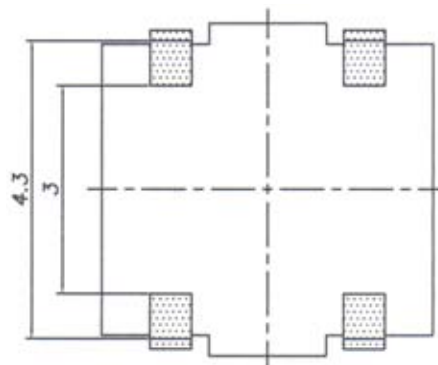
Rating: D.C. 12V 50mA
Operating Force: 250 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 50,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 2 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
0.55
2. COLOR OF STEM:
"W" WHITE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

NOTE: WITH DUST COVER

TACT SWITCHES 4.5x4.5 SMT TYPES (14)



SPECIFICATIONS

Rating: D.C. 12V 50mA

Operating Force: 180, 250 ±30gf

Travel: 0.2 ±0.1mm

Contact Resistance: 100mΩ Max

Life: 50,000 Cycles min

All materials must be RoHS compliant.

MATERIALS

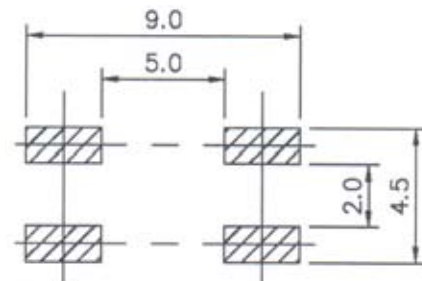
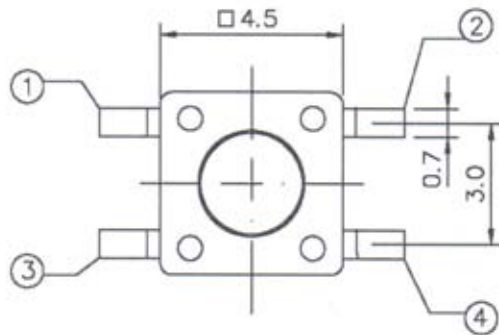
Cover: 0.2mm SUS, Washing

Knob: POM, Black

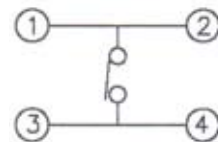
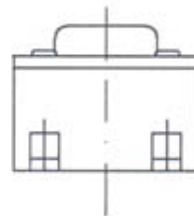
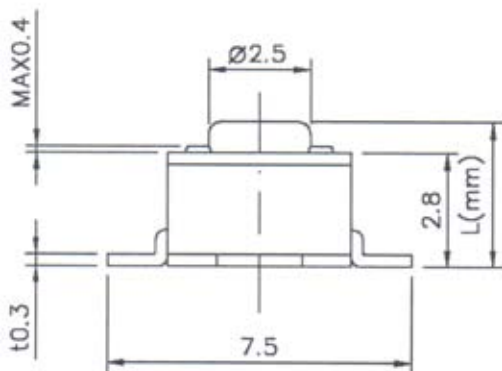
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 3 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

3.8, 7.0

2. COLOR OF STEM:

"B" BLACK

"W" WHITE

3. OPERATING FORCE:

"18" 180g

"25" 250g

4. PACKAGE OPTION:

"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (15)

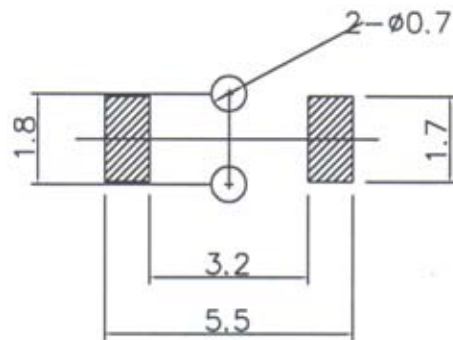
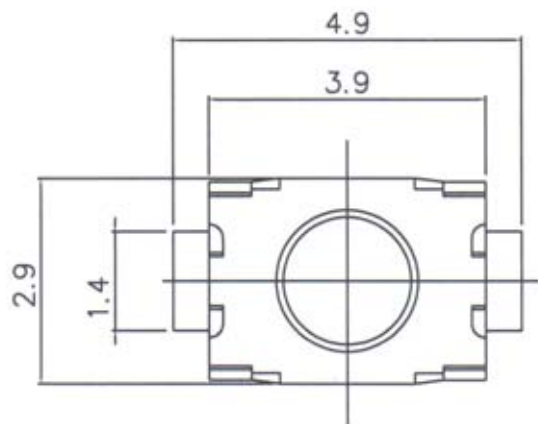


SPECIFICATIONS

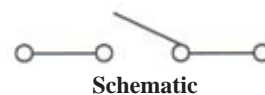
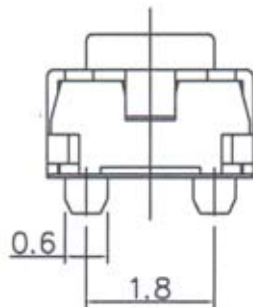
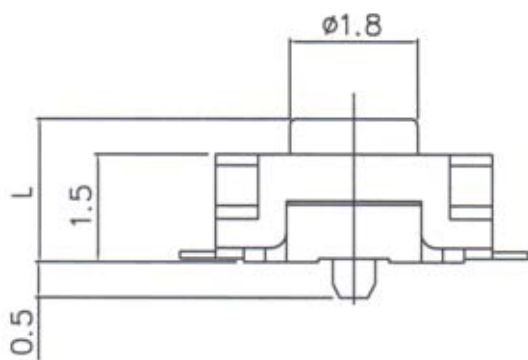
Rating: D.C. 12V 50mA
Operating Force: 160, 250 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 4 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5, 2.0, 2.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (16)

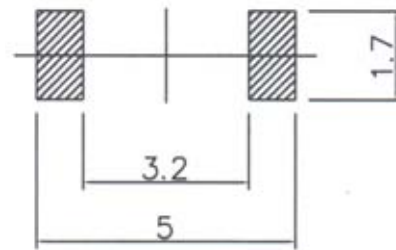
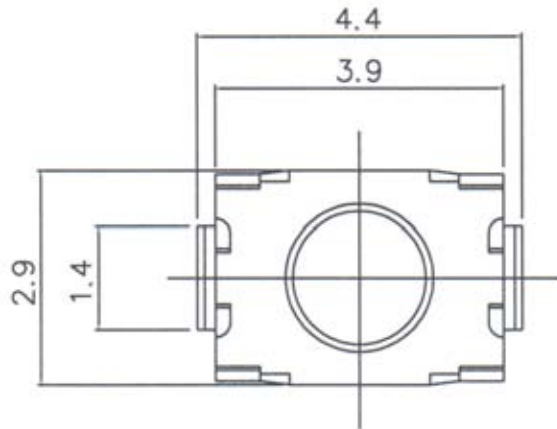


SPECIFICATIONS

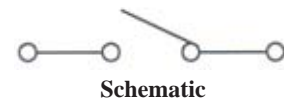
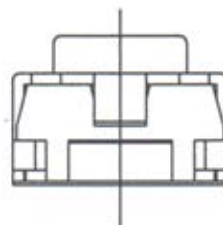
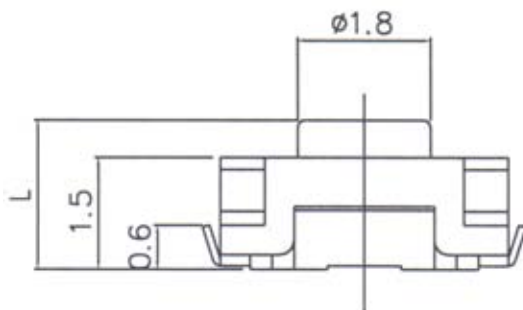
Rating: D.C. 12V 50mA
Operating Force: 160, 250 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 5 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5, 2.0, 2.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (17)

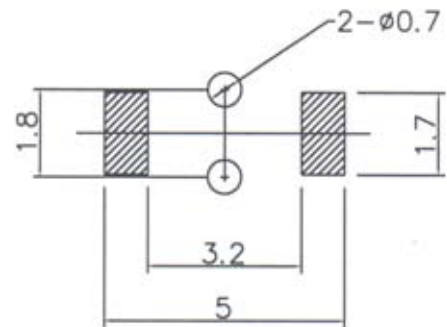
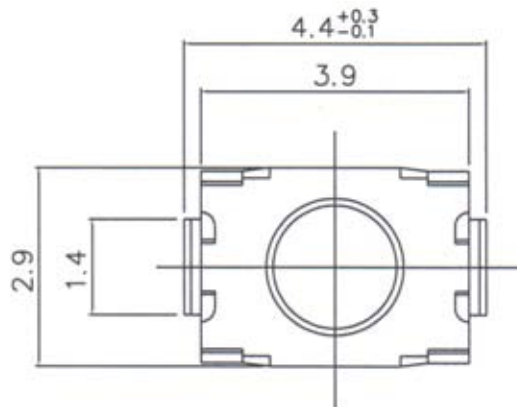


SPECIFICATIONS

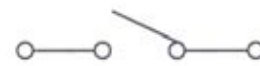
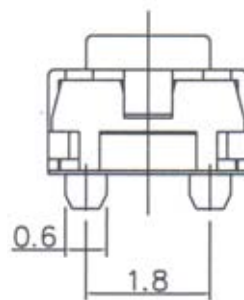
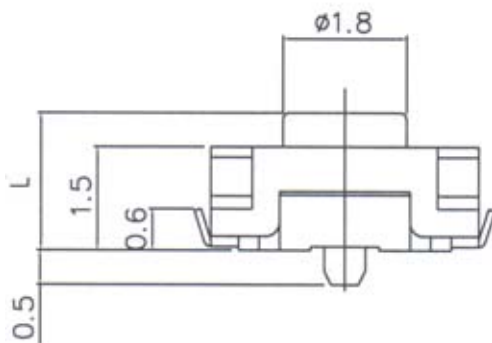
Rating: D.C. 12V 50mA
Operating Force: 160, 250 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 6 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5, 2.0, 2.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (18)

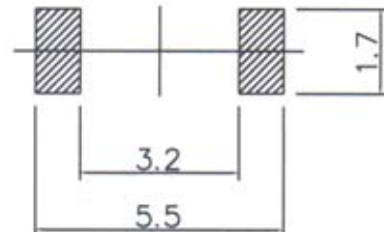
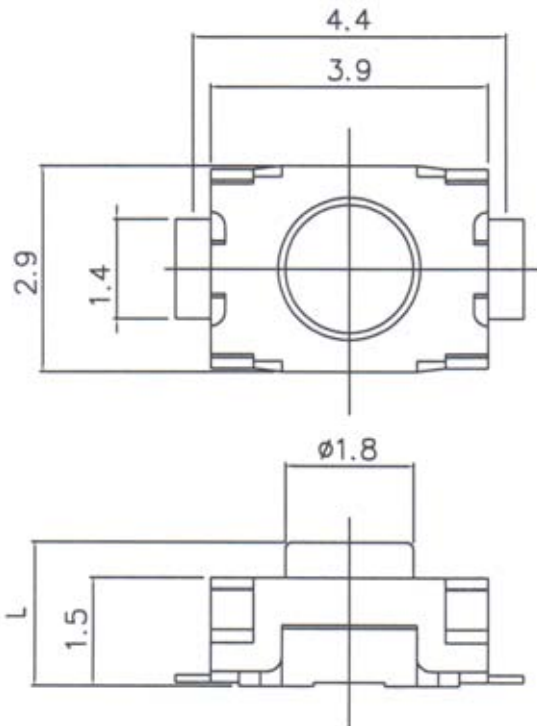


SPECIFICATIONS

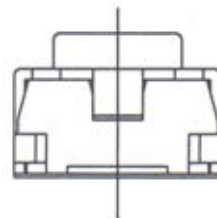
Rating: D.C. 12V 50mA
Operating Force: 160, 250 ±30gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 4 7 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
1.5, 2.0, 2.5
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (19)

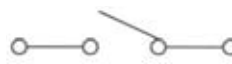
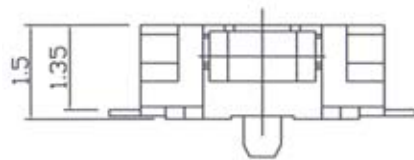
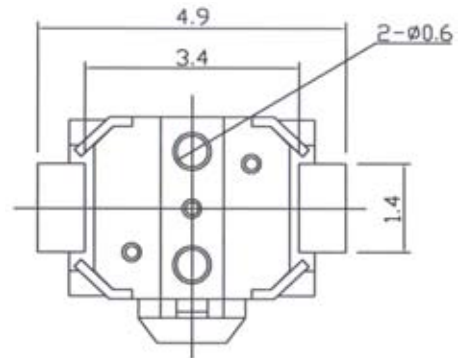
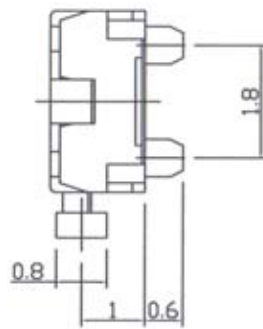
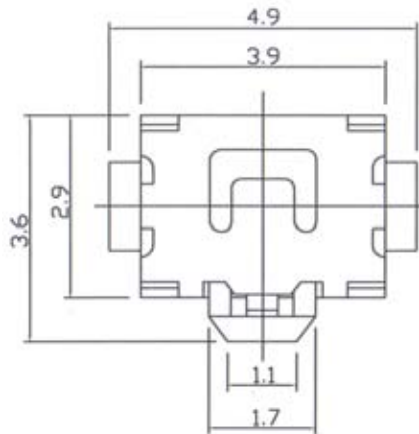


SPECIFICATIONS

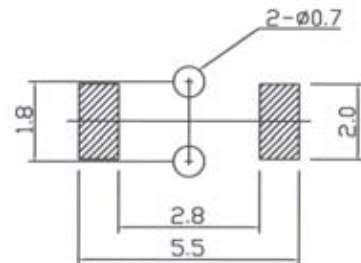
Rating: D.C. 12V 50mA
Operating Force: 220 ±50gf
Travel: 0.2 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Schematic



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 4 8 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5
2. COLOR OF STEM:
"B" BLACK
"W" WHITE
3. OPERATING FORCE:
"22" 220g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 3.9x2.9 SMT TYPES (20)

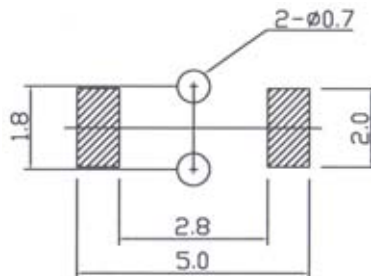
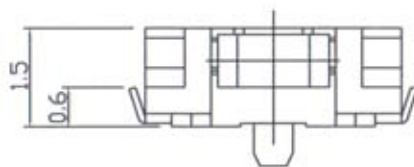
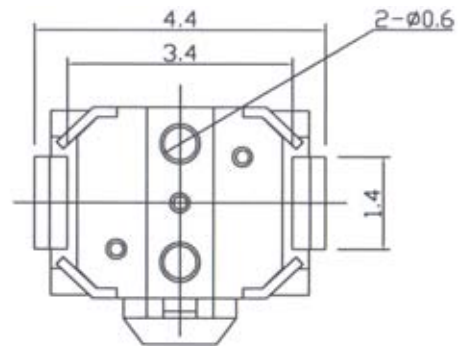
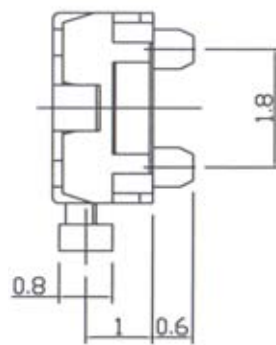
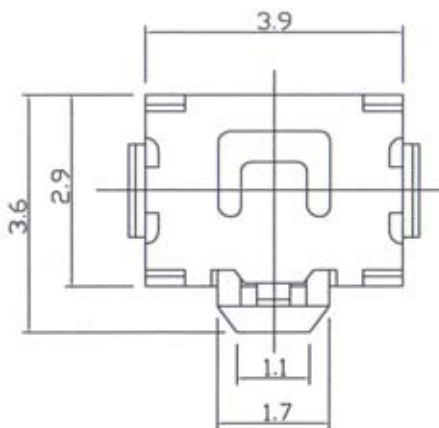


SPECIFICATIONS

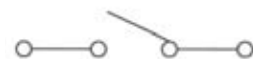
Rating: D.C. 12V 50mA
Operating Force: 220 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



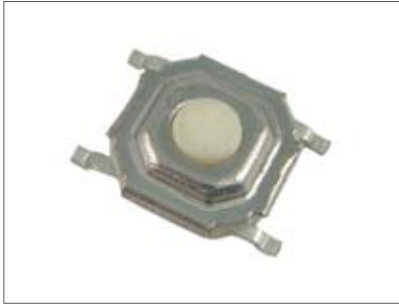
Schematic

ORDERING INFORMATION:

P/N S W T 4 9 - $\frac{L}{1} \frac{xxx}{2} \frac{xxx}{3} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
1.5
2. COLOR OF STEM:
"B" BLACK
"W" WHITE
3. OPERATING FORCE:
"22" 220g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 5.1x5.1 SMT TYPES (1)

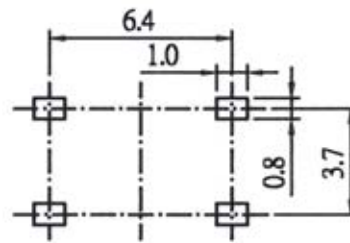
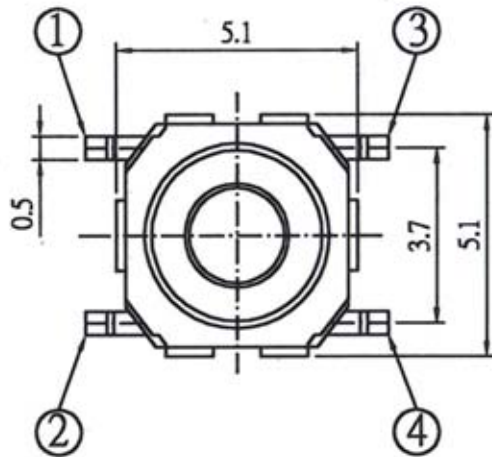


SPECIFICATIONS

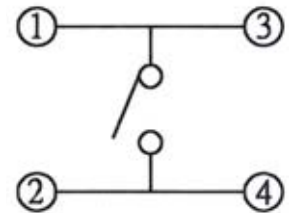
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 300,000 Cycles
All materials must be RoHS compliant.

MATERIALS

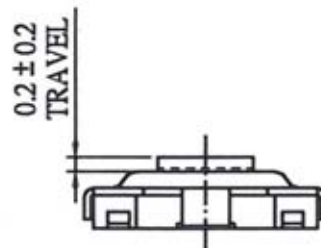
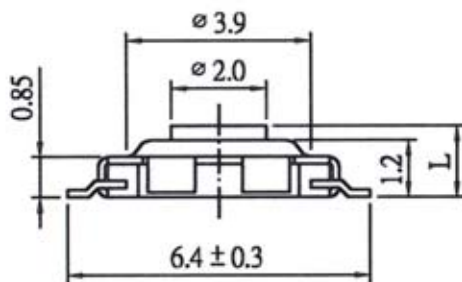
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 5 A - $\frac{L}{1} \frac{xxx}{2} \frac{W}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.6, 2.0
2. COLOR OF STEM:
"W" WHITE
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 5x5 SMT TYPES (2)

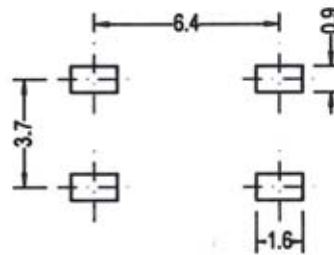
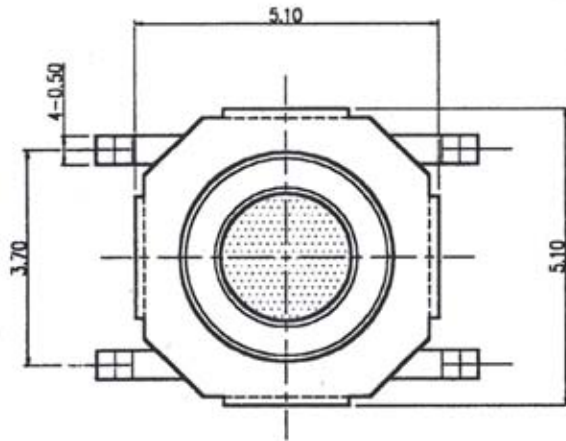


SPECIFICATIONS

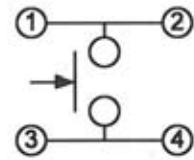
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 300,000 Cycles
All materials must be RoHS compliant.

MATERIALS

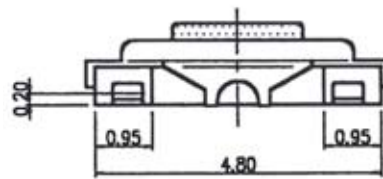
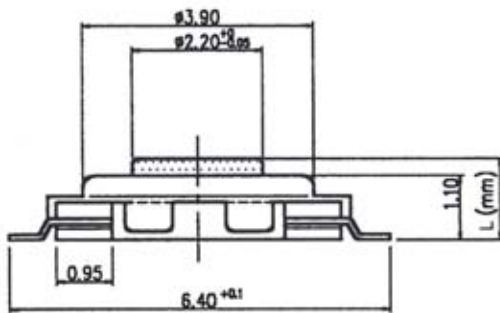
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

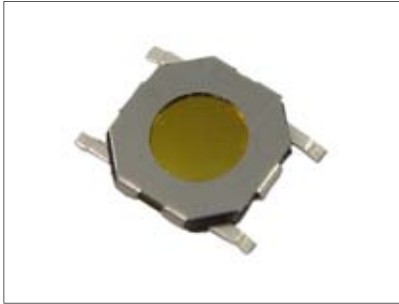


ORDERING INFORMATION:

P/N S W T 5 B - $\frac{L_{xxx}}{1} \frac{W}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
 "1.5" L=1.5MM (STEM: METAL)
 "1.6" L=1.6MM (STEM: PLASTIC)
 "4.3" L=4.3MM (STEM: PLASTIC)
2. COLOR OF STEM:
 "W" WHITE
3. OPERATING FORCE:
 "18" 180g
 "25" 250g
 "35" 350g
4. PACKAGE OPTION:
 "0" BULK PACK
 "R" TAPE & REEL

TACT SWITCHES 5.2x5.2 SMT TYPES (3)

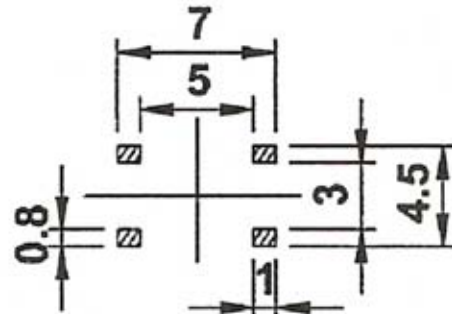
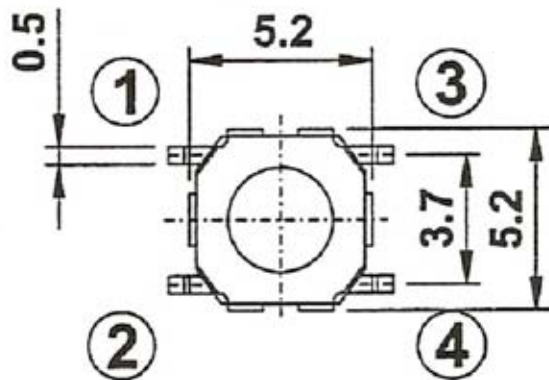


SPECIFICATIONS

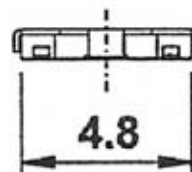
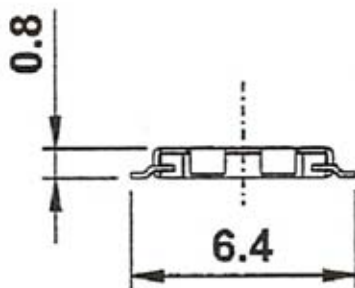
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 300,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 5 C - $\frac{L}{1} \frac{0.8}{2} \frac{Y}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=0.8MM
2. COLOR OF STEM:
"Y" YELLOW
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 5.1x5.1 THROUGH HOLE TYPES (4)

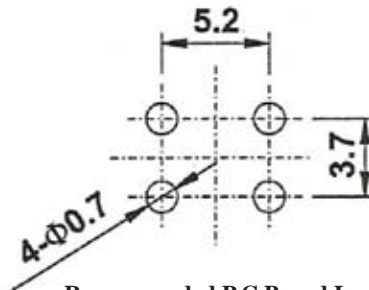
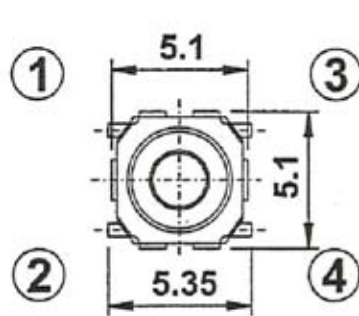


SPECIFICATIONS

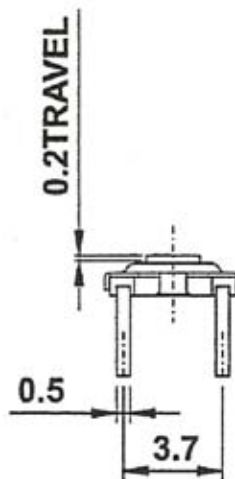
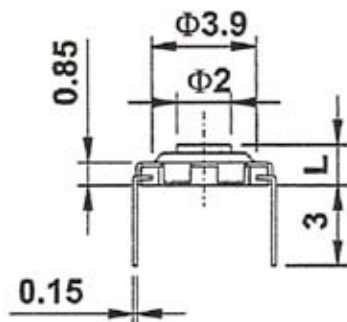
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 5 D - L $\frac{1.5}{1}$ $\frac{x}{2}$ $\frac{x}{3}$ $\frac{x}{4}$ - x

1. KNOB HEIGHT L (UNIT: MM):
L=1.5MM
2. COLOR OF STEM:
"B" BLACK
"W" WHITE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 5.2x5.2 SMT TYPES (5)

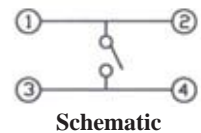
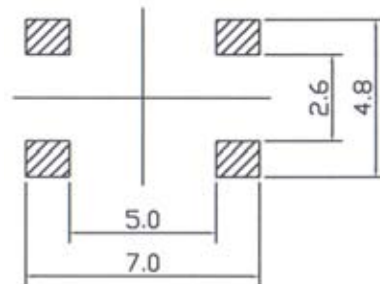
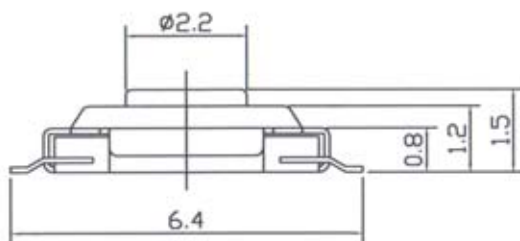
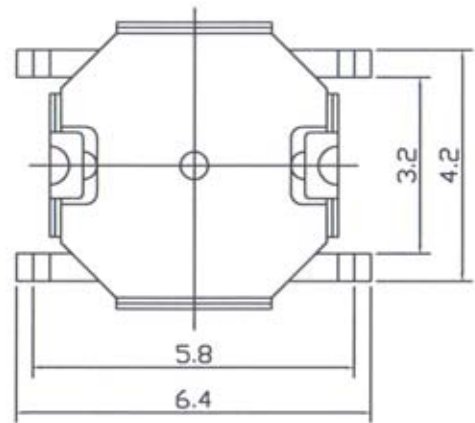
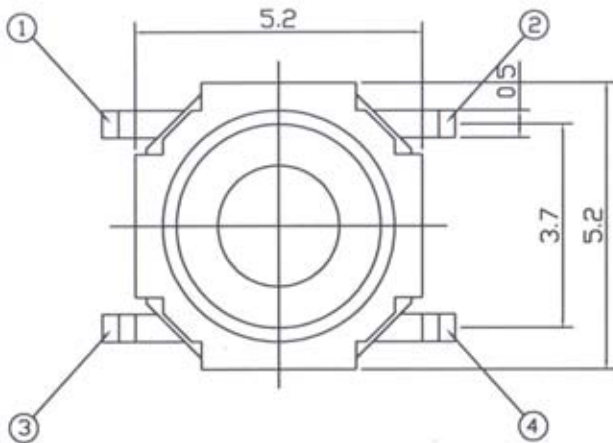


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 160 ±30gf, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 5 1 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5, 1.7, 4.3
2. COLOR OF STEM:
"B" BLACK
"W" WHITE
"A" GRAY
"M" METAL
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 5.2x5.2 SMT TYPES (6)



SPECIFICATIONS

Rating: D.C. 12V 50mA

Travel: 0.25 ±0.1mm

Contact Resistance: 100mΩ Max

Life: 100,000 Cycles min

All materials must be RoHS compliant.

MATERIALS

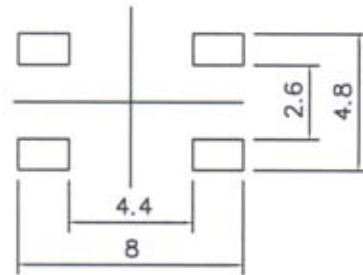
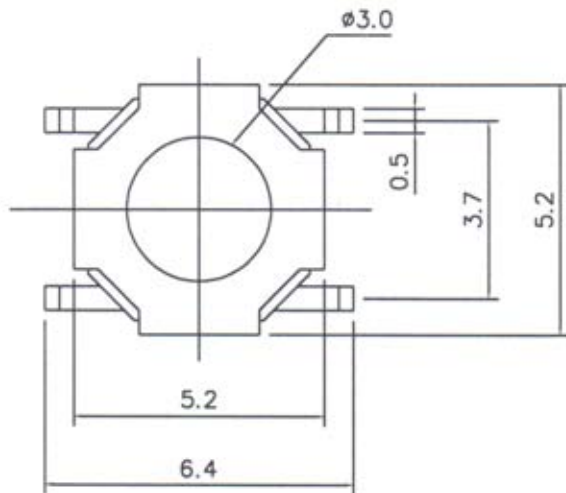
Cover: 0.2mm SUS, Washing

Knob: POM, Black

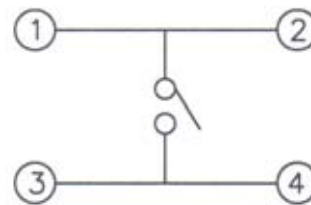
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

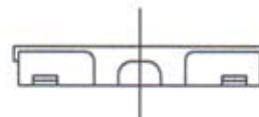
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 5 2 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

0.8

2. COLOR OF STEM:

"B" BLACK

"W" WHITE

"A" GRAY

"M" METAL

3. OPERATING FORCE:

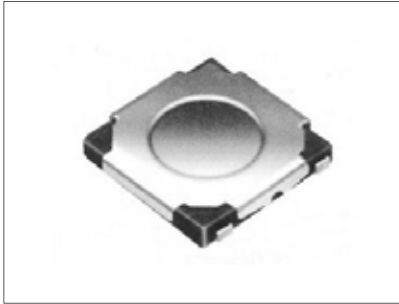
"16" 160g

"25" 250g

4. PACKAGE OPTION:

"R" TAPE & REEL

TACT SWITCHES 5.2x5.2 SMT TYPES (7)



SPECIFICATIONS

Rating: D.C. 12V 50mA

Travel: 0.2 ±0.1mm

Contact Resistance: 100mΩ Max

Life: 100,000 Cycles min

All materials must be RoHS compliant.

MATERIALS

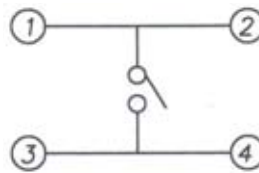
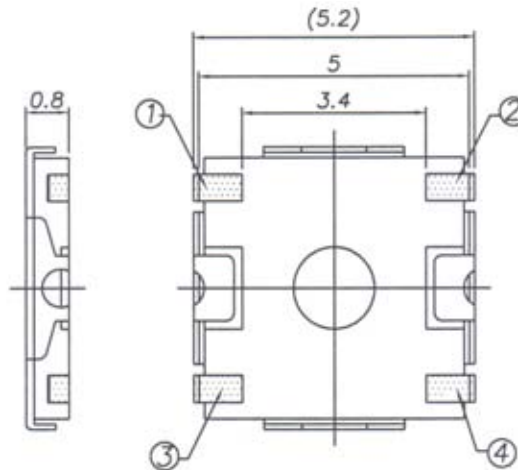
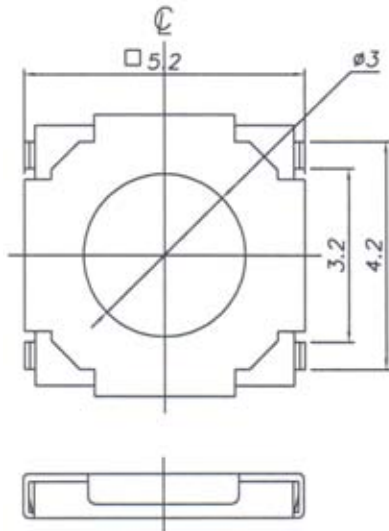
Cover: 0.2mm SUS, Washing

Knob: POM, Black

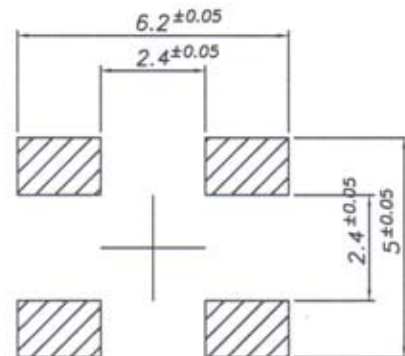
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Schematic



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 5 3 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xxx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):

0.8

2. COLOR OF STEM:

"B" BLACK

"W" WHITE

"A" GRAY

"M" METAL

3. OPERATING FORCE:

"16" 160g

"25" 250g

4. PACKAGE OPTION:

"R" TAPE & REEL

TACT SWITCHES 6x6 SMT TYPES (1)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 100mΩ

Insulation R.[min]: D.C. 100V 100MΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

Cover: Steel Strip, Ni Plated

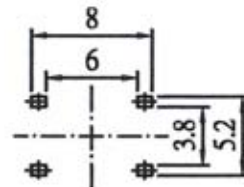
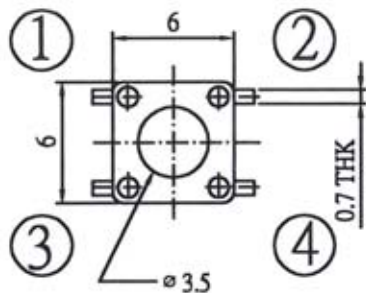
Knob: Nylon/POM, Black

Case: Nylon F.C, Black

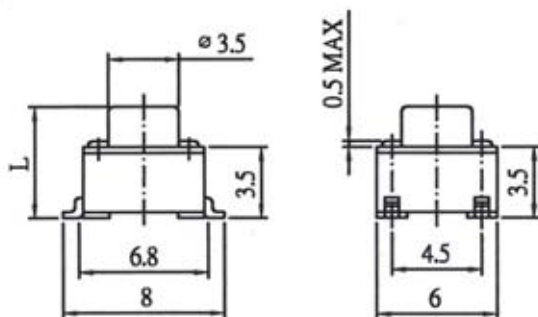
Contact: PBS C5210R-EH, Ag Clad

Terminal: Brass Strip, Ag Plated over Ni Plated

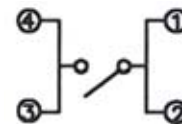
Unit: mm



Recommended P.C.Board Layout



↑
6A:8.0
6B:10.0



Schematic

ORDERING INFORMATION:

P/N S W T $\frac{x}{1}x$ - $\frac{L}{2}xxx$ $\frac{x}{3}x$ $\frac{x}{4}x$ - $\frac{x}{5}$

1. KNOB HEIGHT S (UNIT: MM):

"6A " S=8.0MM

"6B " S=10.0MM

2. KNOB HEIGHT L (UNIT: MM):

4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5

3. COLOR OF STEM:

"B" BLACK

4. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

5. PACKAGE OPTION:

"0" BULK PACK

"R" TAPE & REEL

TACT SWITCHES 6x6 THROUGH HOLE TYPES (2)



SPECIFICATIONS

Circuit: Push ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 100mΩ

Insulation R.[min]: D.C. 100V 100MΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

Cover: Steel Strip, Ni Plated

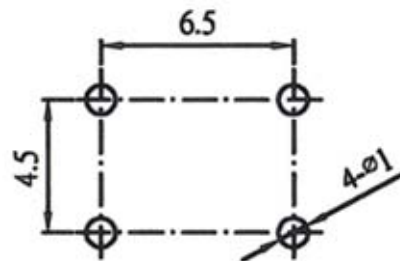
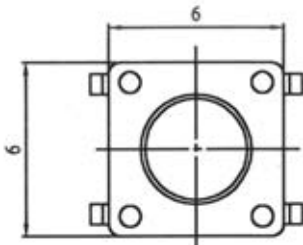
Knob: Nylon/POM, Black

Case: Nylon F.C, Black

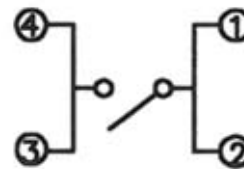
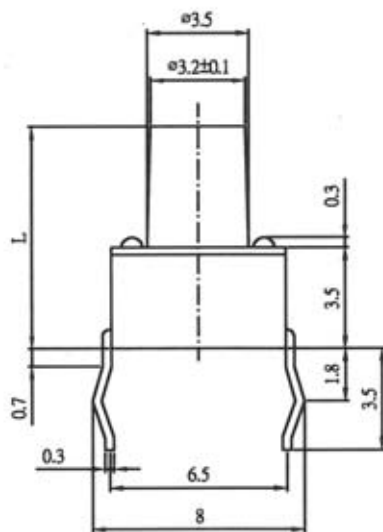
Contact: PBS C5210R-EH, Ag Clad

Terminal: Brass Strip, Ag Plated over Ni Plated

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 6 C - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5,
13.0, 13.5, 17.0, 20.0

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

TACT SWITCHES 6x6 THROUGH HOLE TYPES (3)

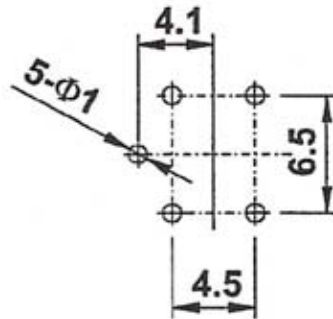
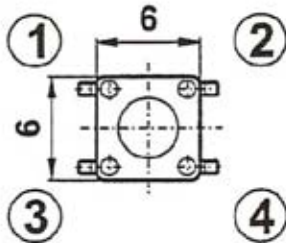


SPECIFICATIONS

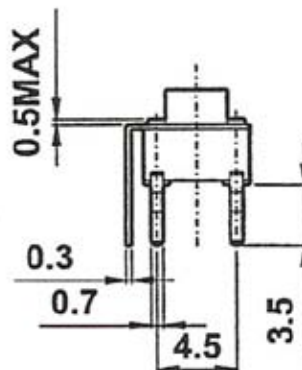
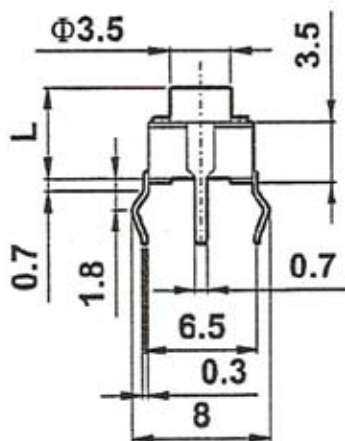
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 6 D - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5,
13.0, 13.5, 17.0, 20.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6x6 SMT TYPES (4)

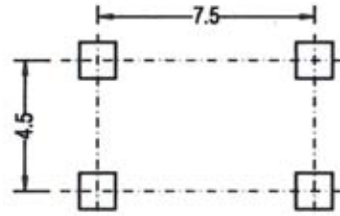
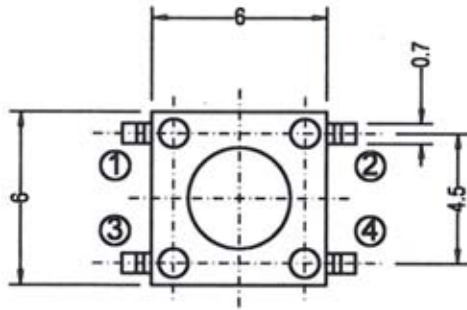


SPECIFICATIONS

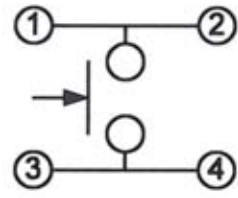
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

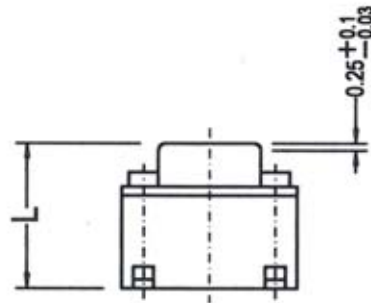
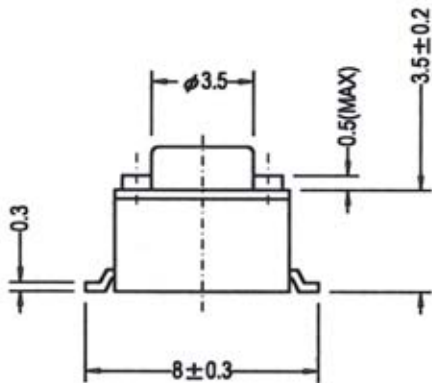
Cover: PET/0.3mm Zinc Plate, Ni Plated
Knob: Nylon 46, Black
Case: Nylon 66, Black
Contact: PBS C5210R-EH, Ag Clad
Terminal: Brass Strip, Ag Plated
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 6 E - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

"R" TAPE & REEL

TACT SWITCHES 6x6 THROUGH HOLE TYPES (5)

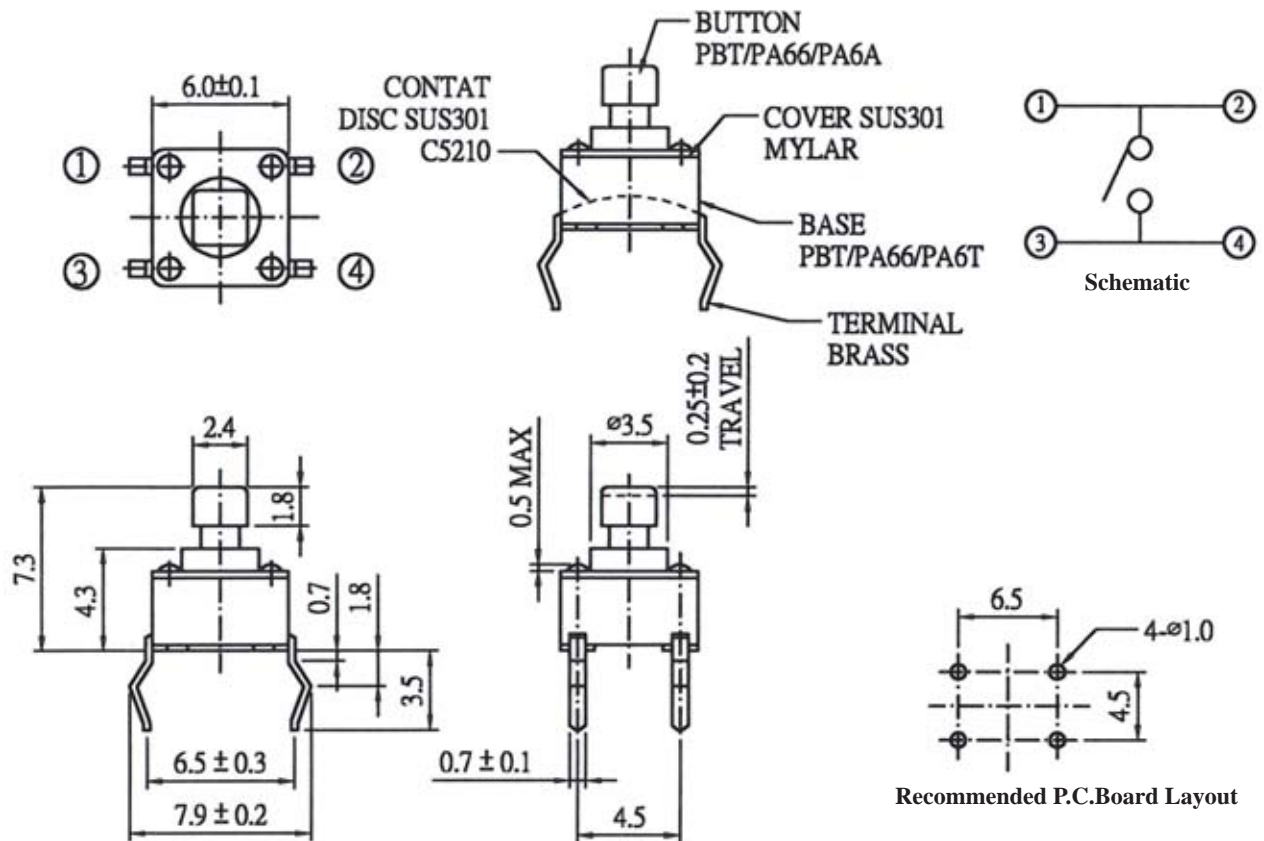


SPECIFICATIONS

Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160gf, 250gf ± 50gf
Life Cycle[max]: 500,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W T 6 F - $\frac{L}{1} \frac{7.3}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=7.3MM
2. COLOR OF STEM:
"B" BLACK
"U" BLUE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6x6 SMT TYPES (6)

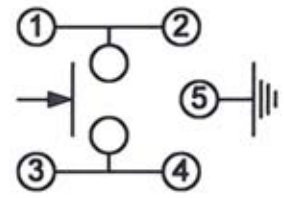
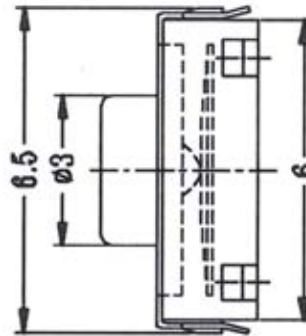
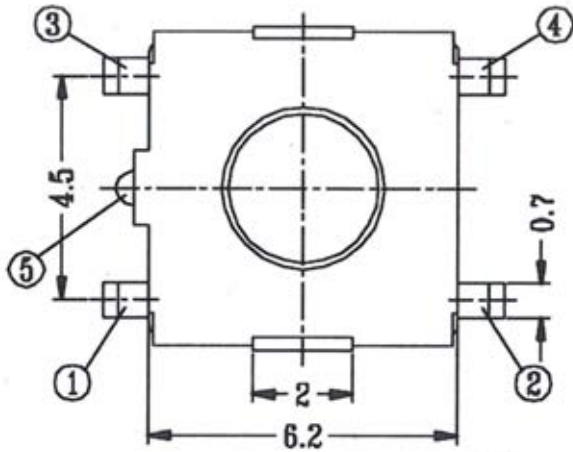


SPECIFICATIONS

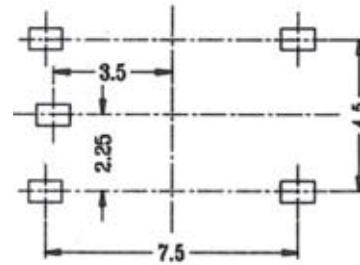
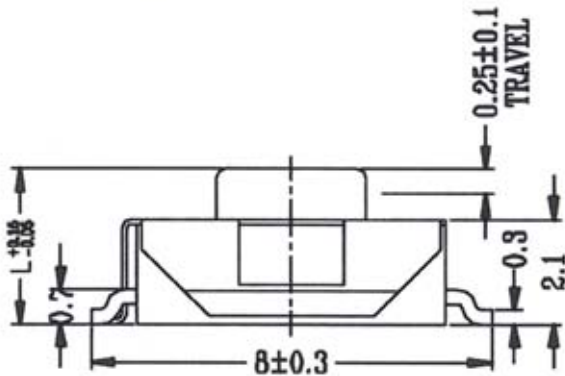
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: SUS, Washing
Knob: Nylon, Red
Case: Nylon F.C, Black
Contact: PBS C5210R-EH, Ag Clad
Terminal: Brass Strip, Ag Plated over Ni Plated
Unit: mm



Schematic



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 6 G - $\frac{L}{1} \frac{xx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

2.5, 3.1

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

"R" TAPE & REEL

TACT SWITCHES 6x6 THROUGH HOLE TYPES (7)

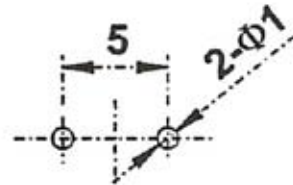
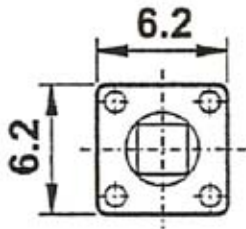


SPECIFICATIONS

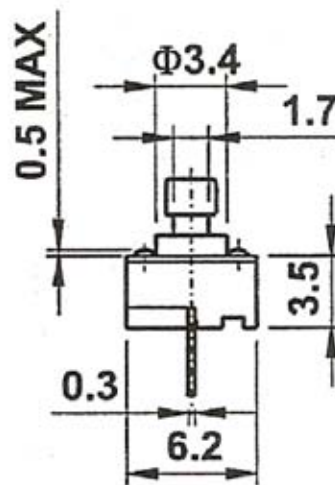
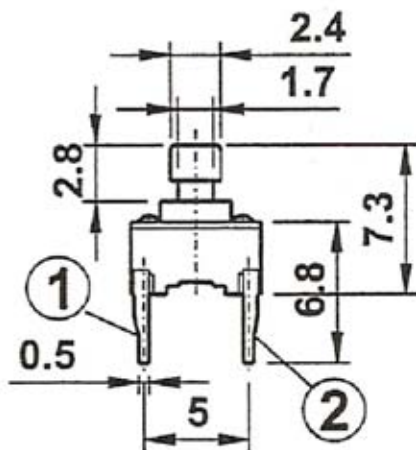
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 6 H - $\frac{L}{1} \frac{7.3}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
L=7.3MM
2. COLOR OF STEM:
"B" BLACK
"U" BLUE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6x6 SMT TYPES (8)

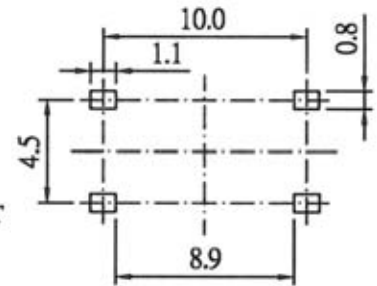
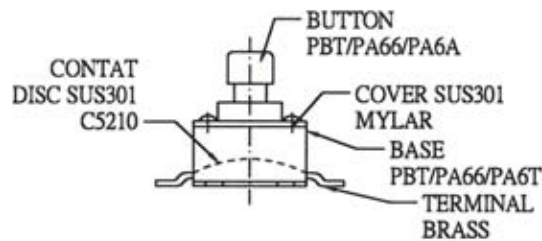
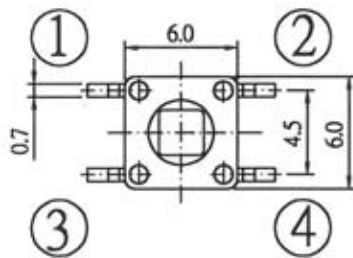


SPECIFICATIONS

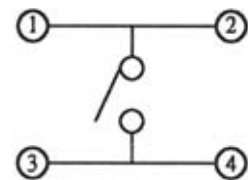
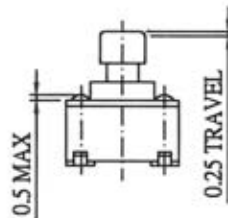
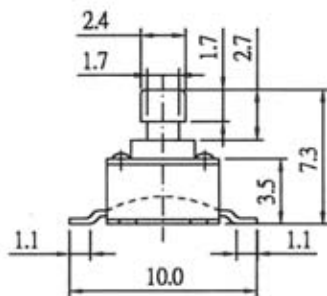
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160, 260 ± 50gf
Life Cycle[max]: 500,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 6 J - $\frac{L}{1} \frac{7.3}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
L=7.3MM
2. COLOR OF STEM:
"B" BLACK
"U" BLUE
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 6.2x6.6 SMT TYPES (9)

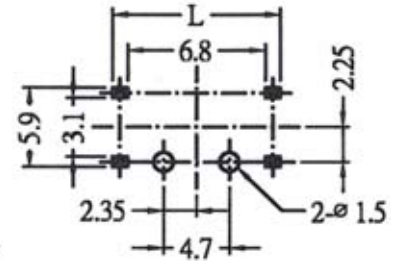
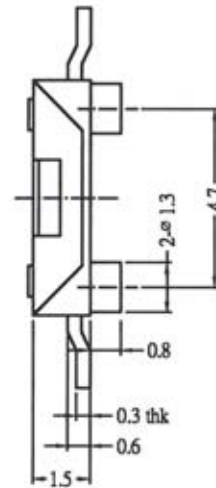
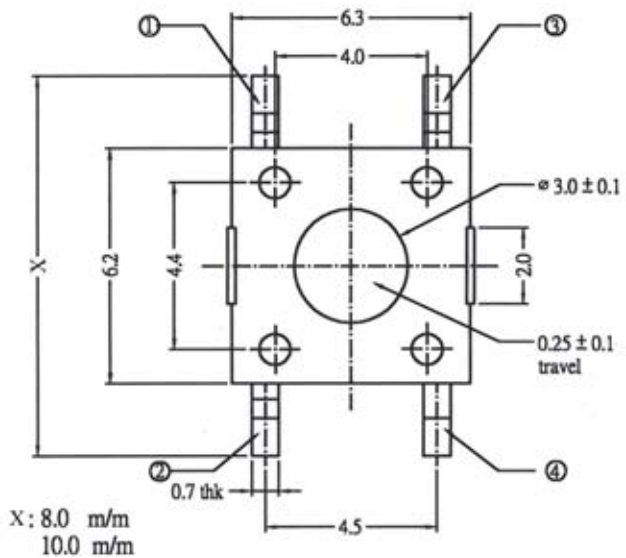


SPECIFICATIONS

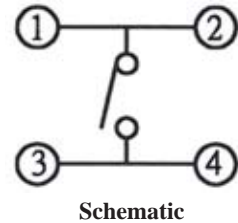
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 130 ± 30gf
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T $\frac{X}{1} X - \frac{L}{2} \frac{XXX}{3} \frac{X}{4} \frac{X}{5} X - \frac{X}{5}$

1. DIMENSION:
"6K" X= 8.0MM
"6T" X=10.0MM
2. KNOB HEIGHT:
1.5
3. COLOR OF STEM:
"Y" YELLOW
4. OPERATING FORCE:
"13" 130g
5. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 6.2x6.6 THROUGH HOLE TYPES (10)

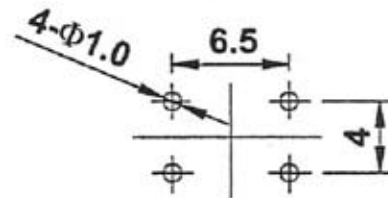
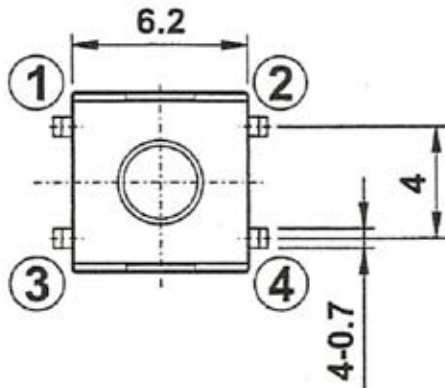


SPECIFICATIONS

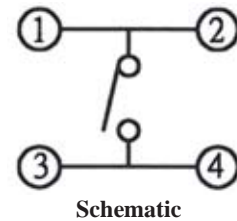
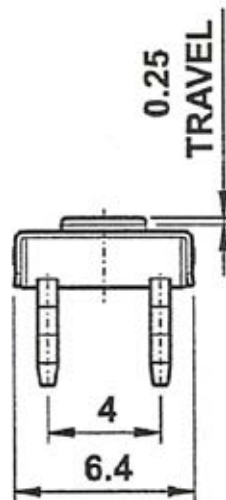
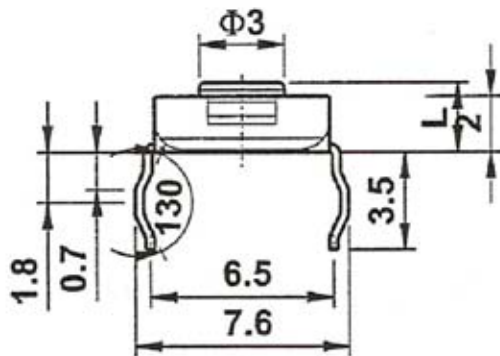
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160gf, 260gf ± 30gf
Life Cycle[max]: 300,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

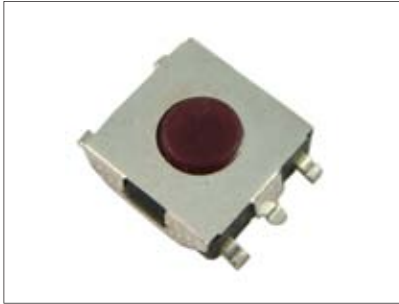


ORDERING INFORMATION:

P/N S W T 6 L - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
2.5, 3.5, 3.8, 4.5, 5.2
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6.2x6.2 SMT TYPES (11)

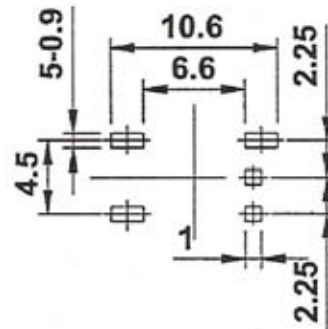
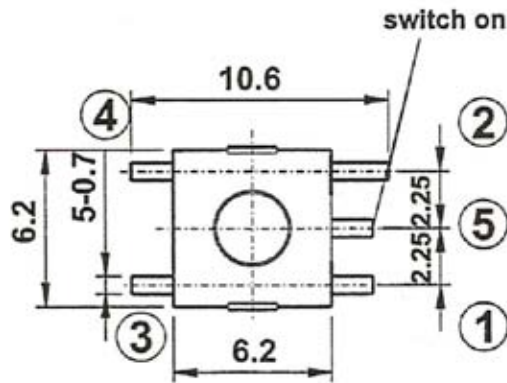


SPECIFICATIONS

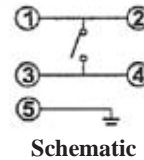
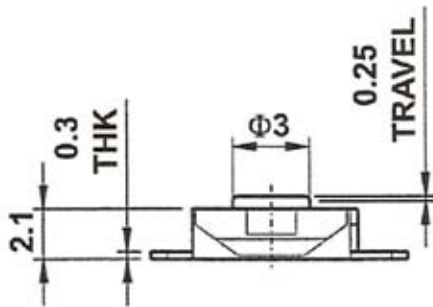
Circuit: Push ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



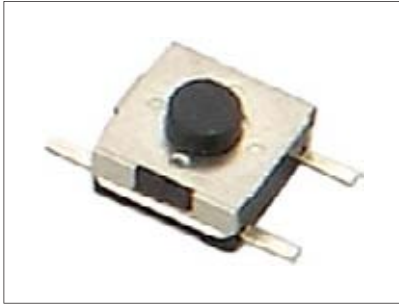
Schematic

ORDERING INFORMATION:

P/N S W T 6 M - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
2.5, 3.1 (PUSH ON)
2. COLOR OF STEM:
"B" BLACK
"R" RED
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 6.2x6.2 SMT TYPES (12)

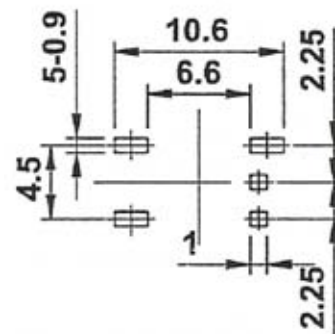
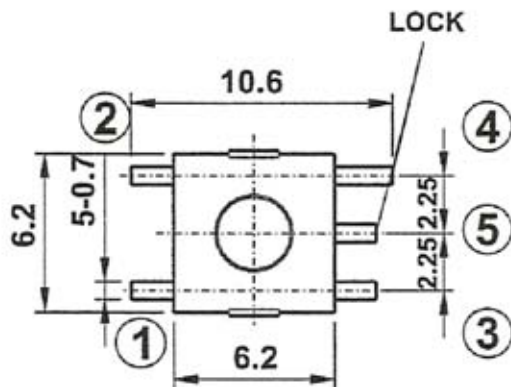


SPECIFICATIONS

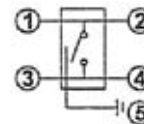
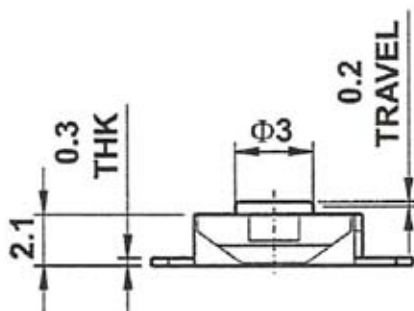
Circuit: Push OFF
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 6 N - $\frac{L}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
2.5, 3.1 (PUSH OFF)
2. COLOR OF STEM:
"B" BLACK
"R" RED
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK
"R" TAPE & REEL

TACT SWITCHES 6.2x6.2 THROUGH HOLE TYPES (13)

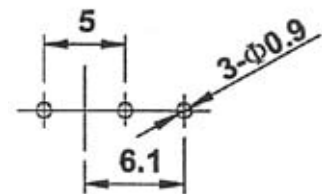
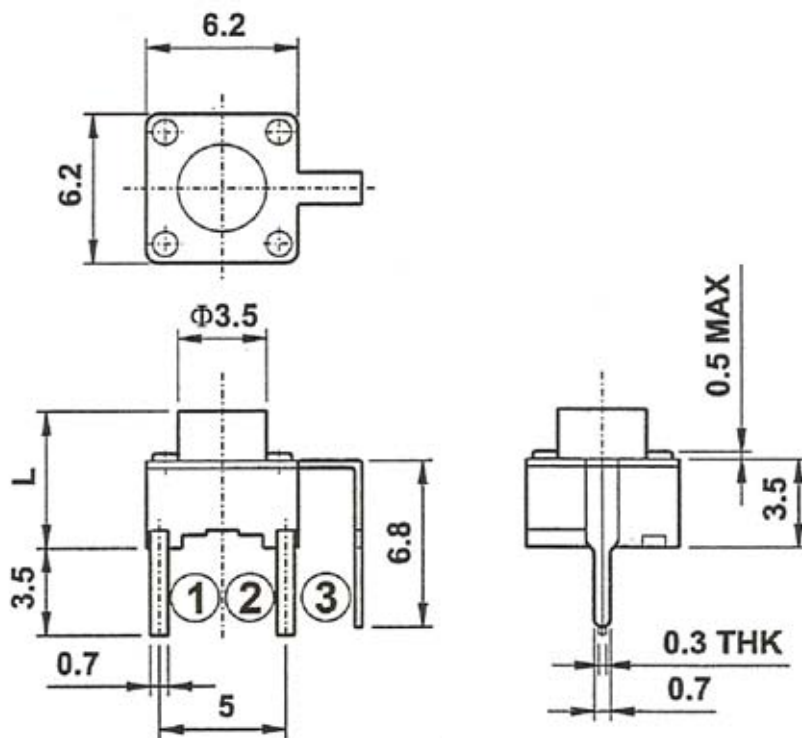


SPECIFICATIONS

Circuit: OFF-(ON)
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 15V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Life Cycle[max]: 1,000,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



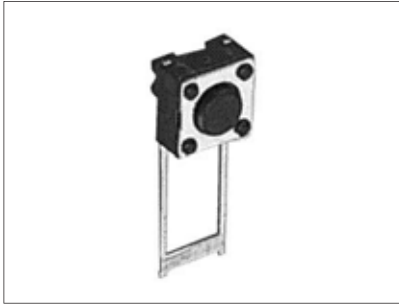
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 6 P - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 7.0, 7.3, 8.0, 9.5,
12.5, 13.0, 13.5, 17.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6.2x6.2 RIGHT ANGLE TYPES (14)

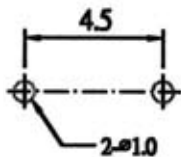
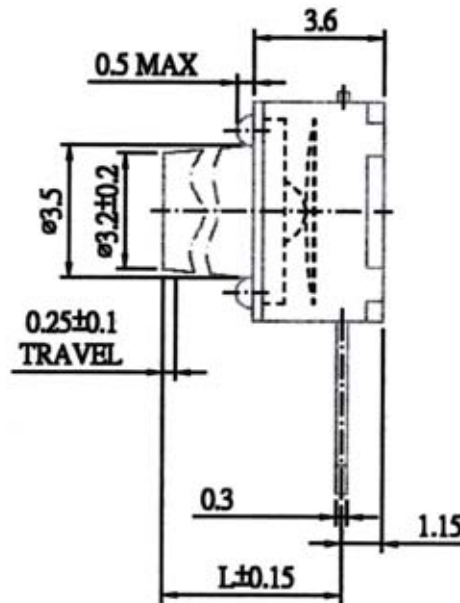
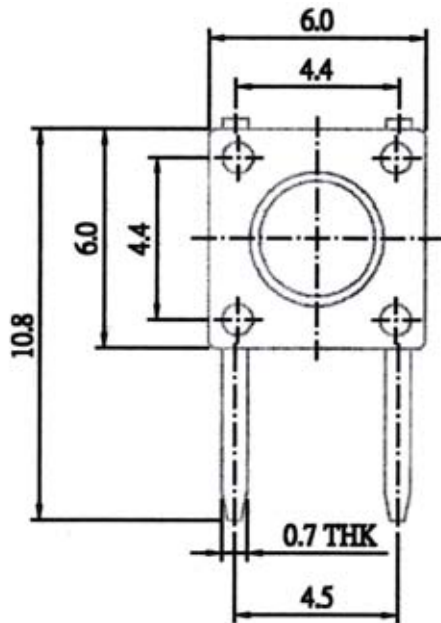


SPECIFICATIONS

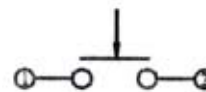
Circuit: PUSH ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Life Cycle[max]: 100,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 6 Q - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
3.15, 3.85, 5.85, 6.15, 6.85,
8.0, 8.35, 9.5, 11.35
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 6.2x6.2 THROUGH HOLE TYPES (15)



SPECIFICATIONS

Circuit: PUSH ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 100mΩ

Insulation R.[min]: D.C. 100V 100mΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

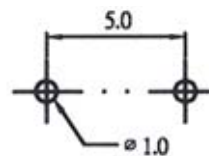
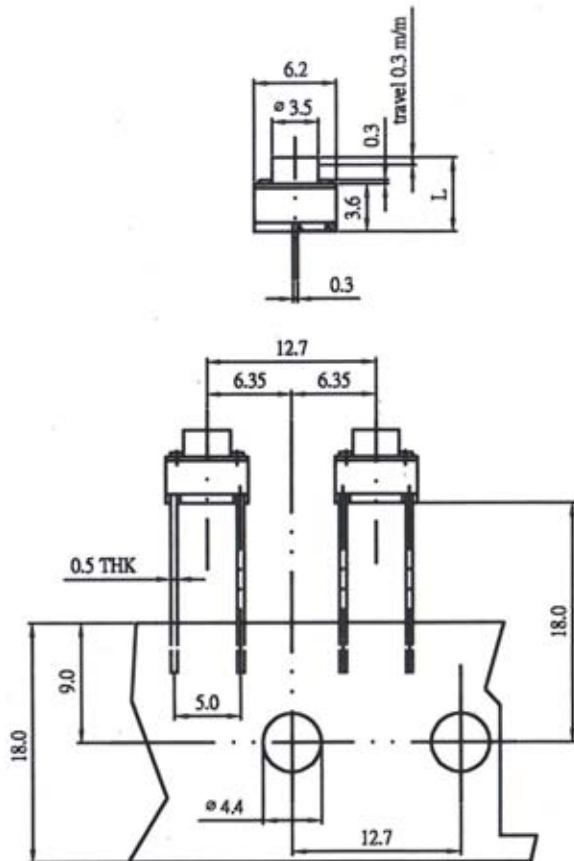
Cover: Steel Strip, Ni Plated

Knob: Nylon/POM, Black

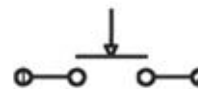
Case: Nylon F.C, Black

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 6 R - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

"17" 170g

"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

TACT SWITCHES 6x6 THROUGH HOLE TYPES (16)



SPECIFICATIONS

Circuit: PUSH ON

Rating: D.C. 12V 50mA

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100mΩ

Withstand VOL.: A.C. 250V 1minute

All materials must be RoHS compliant.

MATERIALS

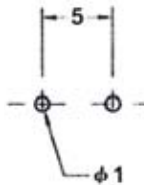
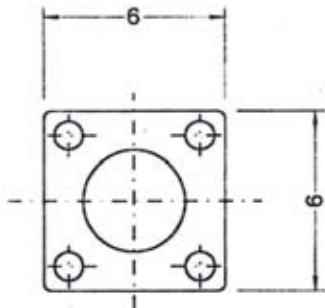
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

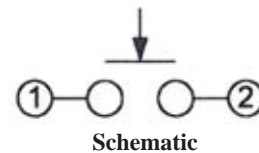
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

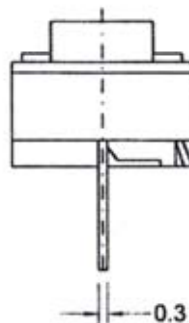
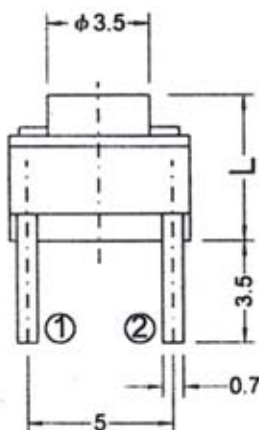
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 6 S - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):

4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 12.5

2. COLOR OF STEM:

"B" BLACK

3. OPERATING FORCE:

"10" 100g

"13" 130g

"16" 160g

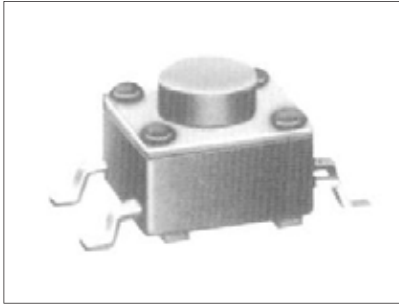
"19" 190g

"25" 250g

4. PACKAGE OPTION:

"0" BULK PACK

TACT SWITCHES 6x6 SMT TYPES (17)

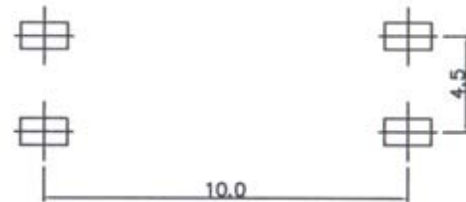
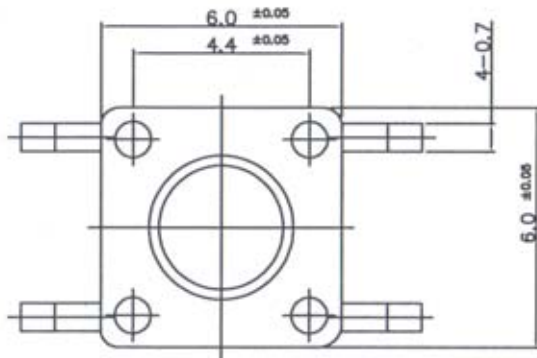


SPECIFICATIONS

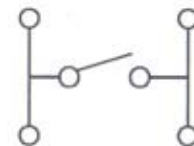
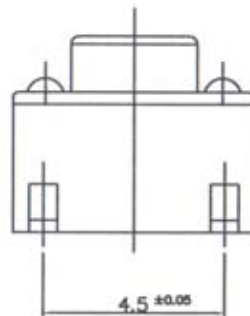
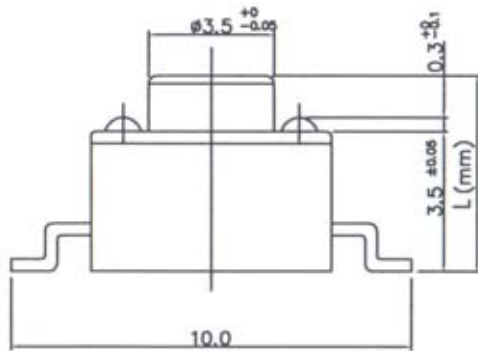
Rating: D.C. 12V 50mA
Operating Force: 100, 130, 160, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 80,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



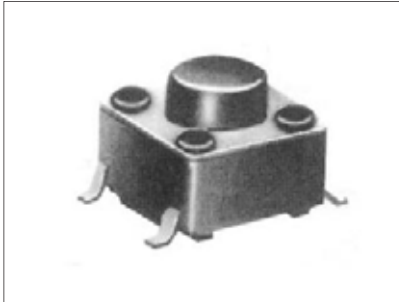
Schematic

ORDERING INFORMATION:

P/N S W T 6 1 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0, 7.0, 7.3, 8.0, 9.5, 9.7,
12.5, 13.0, 13.5, 16.3, 17.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"13" 130g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 6x6 SMT TYPES (18)

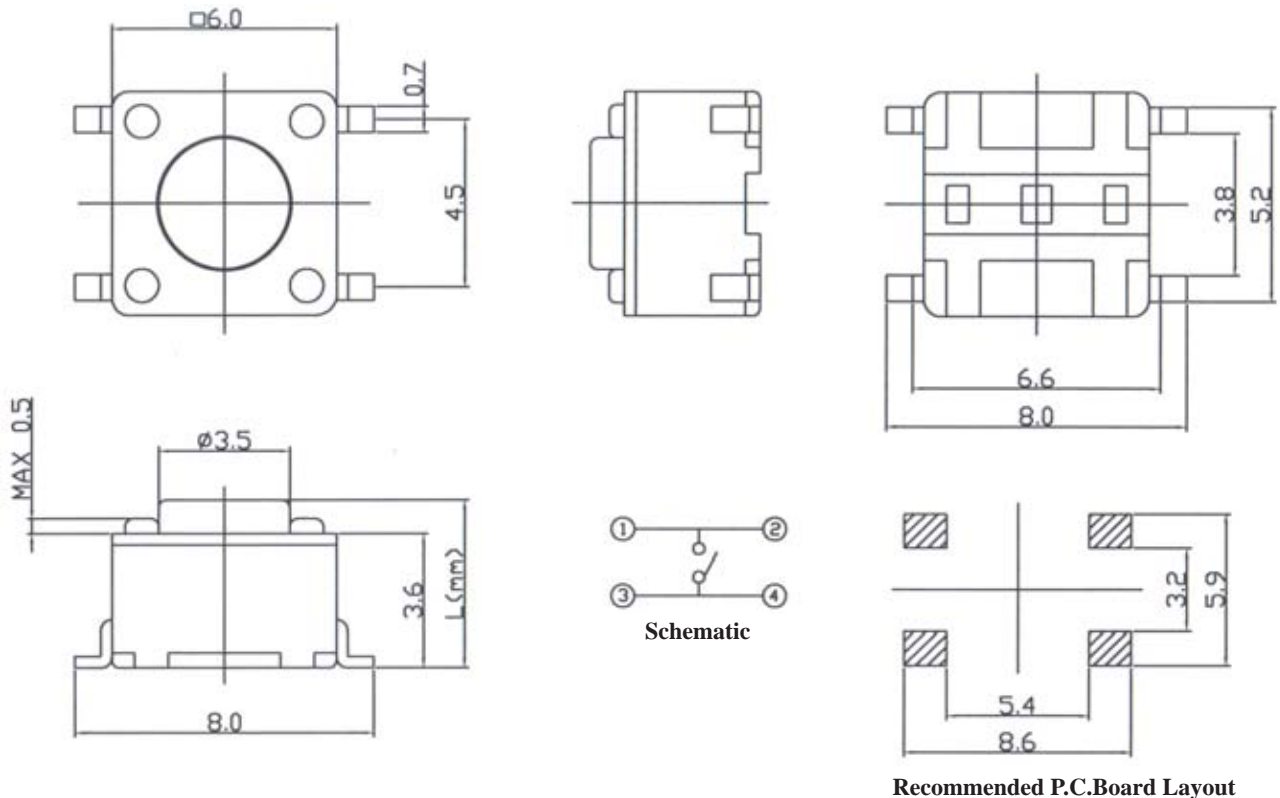


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 100, 130, 160, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



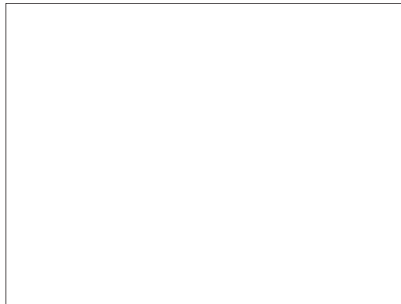
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 6 2 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
4.3, 5.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"13" 130g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 6.2x6.2 SMT TYPES (19)



SPECIFICATIONS

Rating: D.C. 12V 50mA

Operating Force: 160 ±30gf

Travel: 0.25 ±0.1mm

Contact Resistance: 100mΩ Max

Life: 100,000 Cycles min

All materials must be RoHS compliant.

MATERIALS

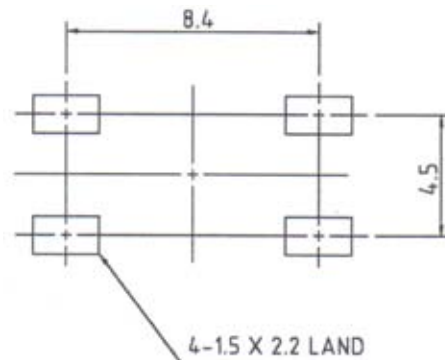
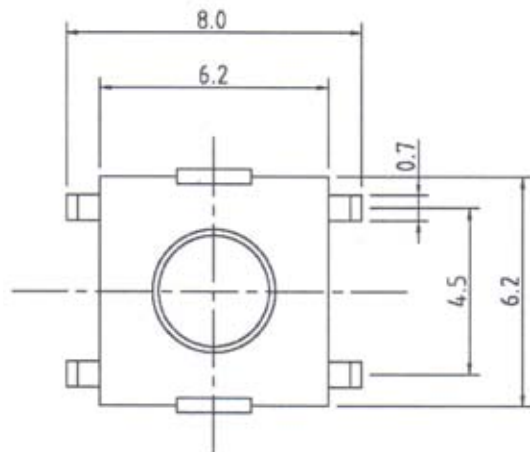
Cover: 0.2mm SUS, Washing

Knob: POM, Black

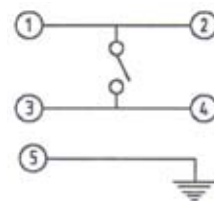
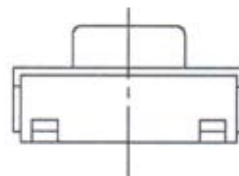
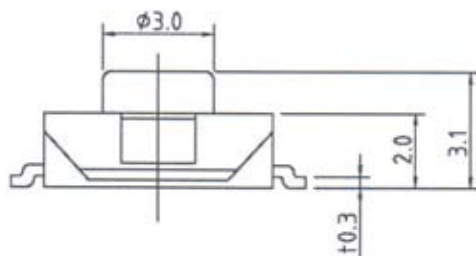
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



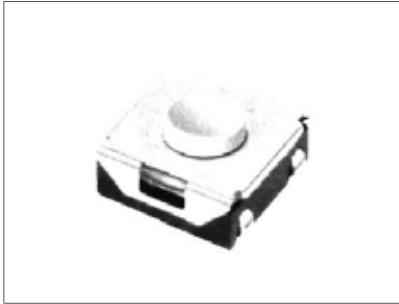
Schematic

ORDERING INFORMATION:

P/N S W T 6 3 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.1
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 6.2x6.2 SMT TYPES (20)

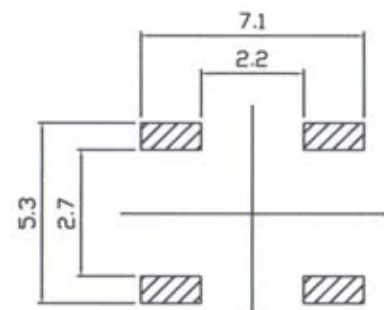
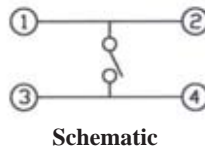
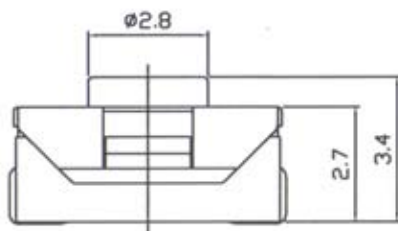
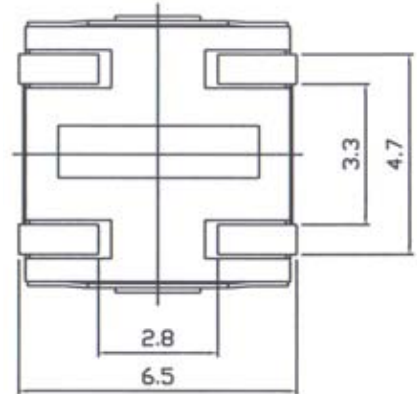
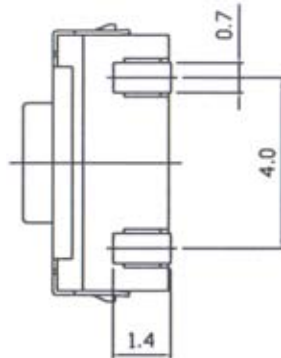
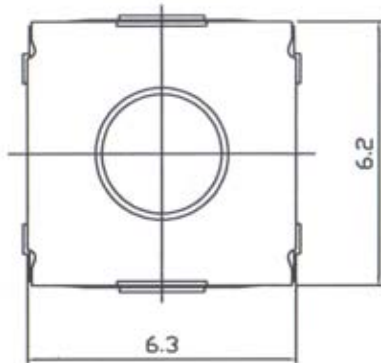


SPECIFICATIONS

Rating: D.C. 12V 50mA
Operating Force: 200 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



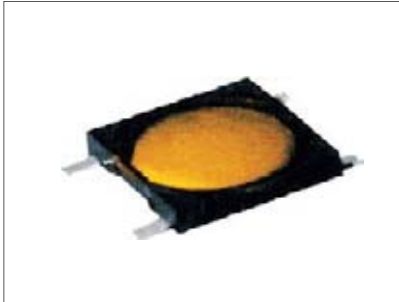
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 6 4 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{xx}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
3.4
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"20" 200g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 6.4x6.4 SMT TYPES (21)

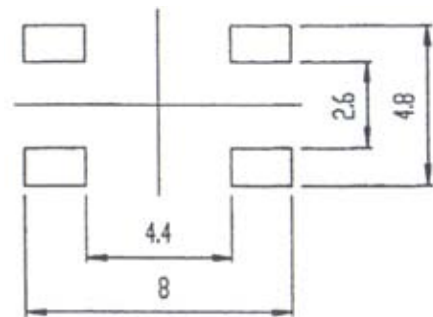
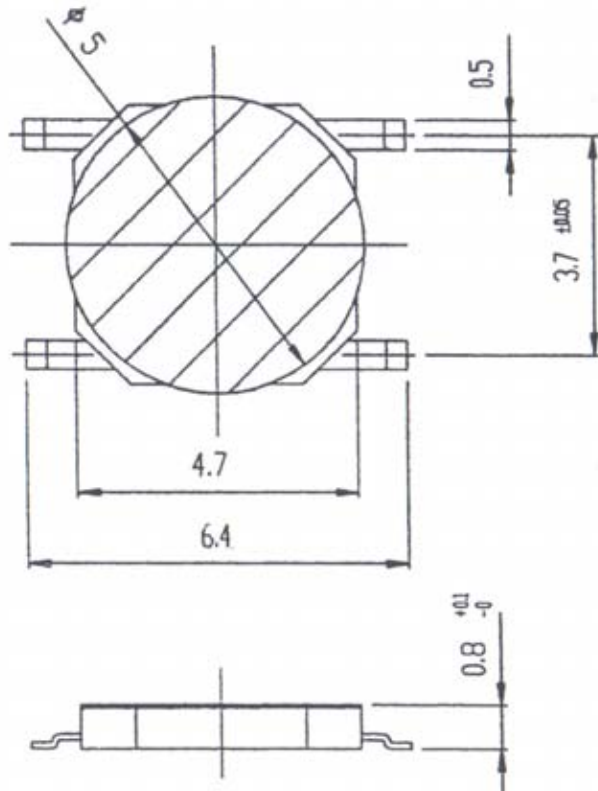


SPECIFICATIONS

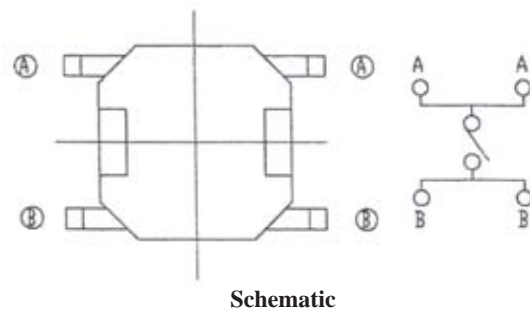
Rating: D.C. 12V 50mA
Operating Force: 180, 250±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

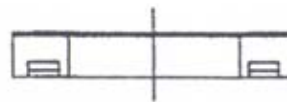
Case: NY46
Terminal: C5210R-EH, Ag Clad
Contact: SUS 301, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 6 5 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
0.8
2. COLOR OF STEM:
"O" ORANGE
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 6.4x6.4 SMT TYPES (22)

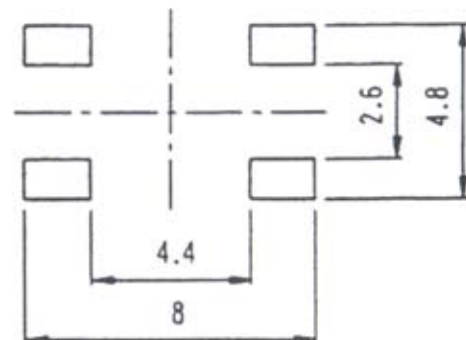
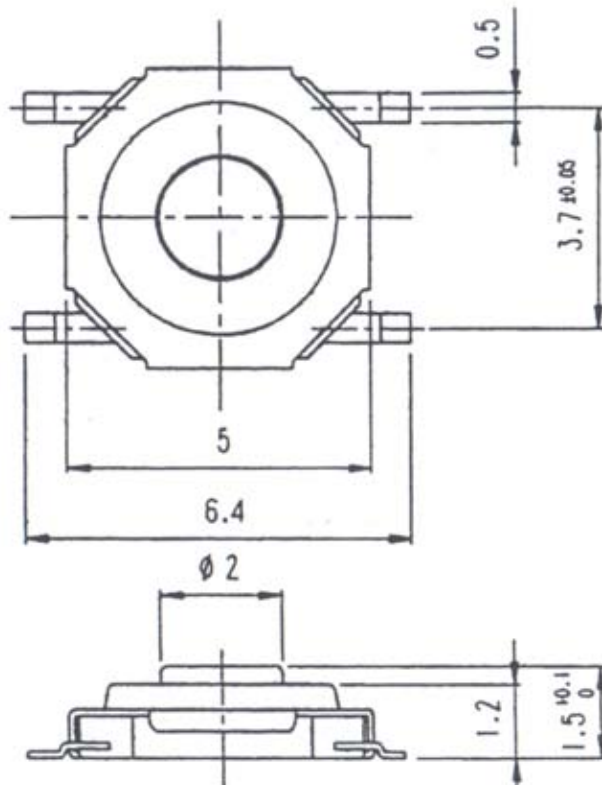


SPECIFICATIONS

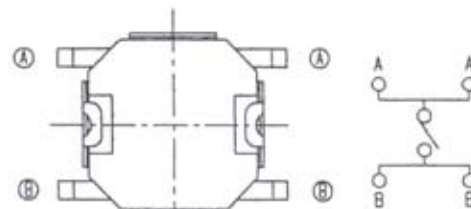
Rating: D.C. 12V 50mA
Operating Force: 180, 250±50gf
Travel: 0.30 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Case: NY46, Black
Stem: C3410
Cover: SUS 301
Terminal: C2680R-EH, Ag Clad
Contact: SUS 301, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 6 6 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
1.5
2. COLOR OF STEM:
"M" METAL
3. OPERATING FORCE:
"18" 180g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

TACT SWITCHES 7x7 RIGHT ANGLE TYPES (1)

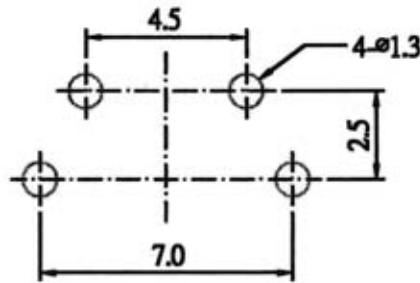
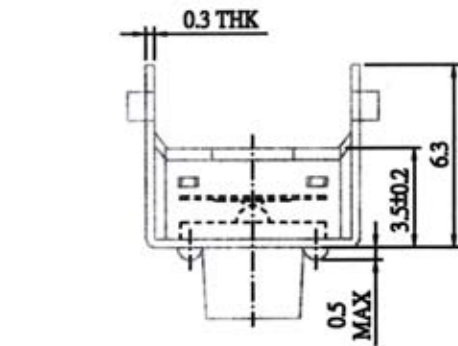


SPECIFICATIONS

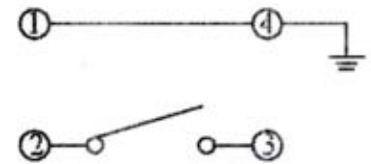
Circuit: PUSH ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160±50gf, 260±100gf
Life Cycle[max]: 500,000 Cycles
 All materials must be RoHS compliant.

MATERIALS

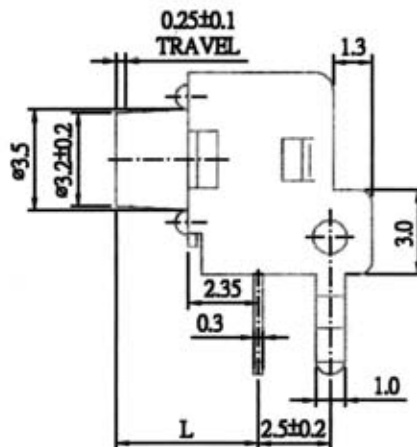
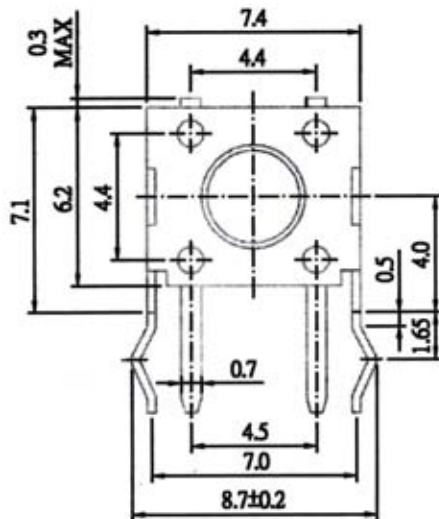
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 7 A - $\frac{L}{1} \frac{xxx}{2} \frac{B}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.15, 3.85, 5.85, 6.15, 6.85,
8.35, 11.35, 11.85, 12.35
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 7x7 THROUGH HOLE TYPES (2)

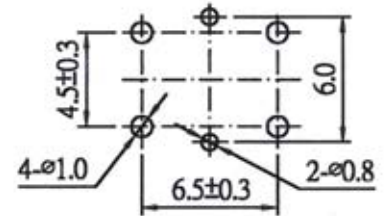
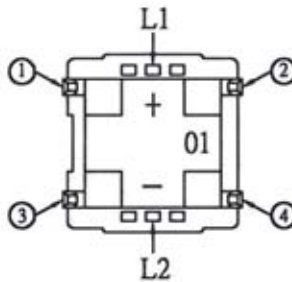
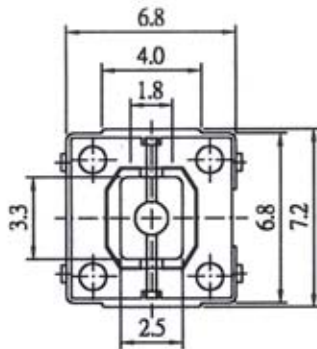


SPECIFICATIONS

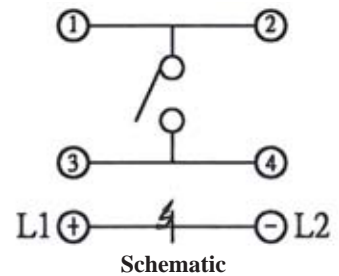
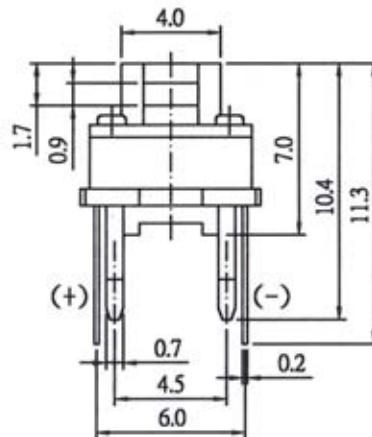
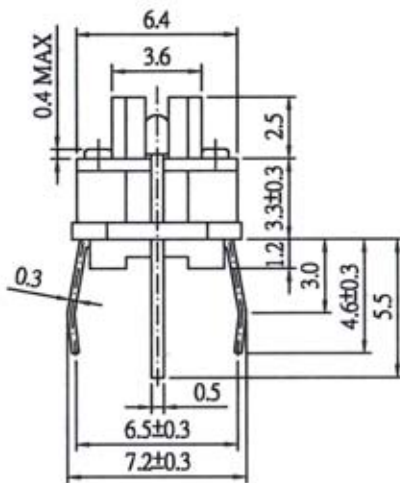
Circuit: PUSH ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 180±50gf, 260±50gf
Life Cycle[max]: 500,000 Cycles
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



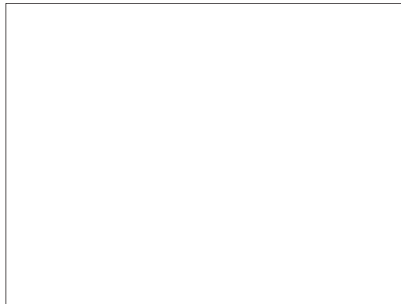
Schematic

ORDERING INFORMATION:

P/N S W T 7 B - $\frac{L}{1} \frac{7.0}{2} \frac{B}{3} \frac{x}{x} \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
"7.0" L=7.0MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"18" 180g
"26" 260g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 7x7 THROUGH HOLE TYPES (3)

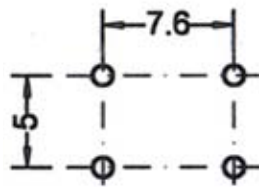
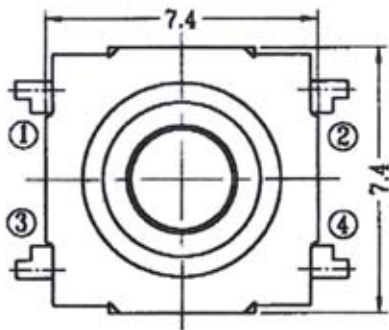


SPECIFICATIONS

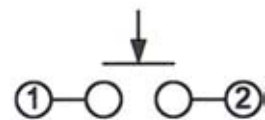
Circuit: PUSH ON
Rating: D.C. 12V 50mA
Contact R.[max]: D.C. 5V 1A 100mΩ
Insulation R.[min]: D.C. 100V 100MΩ
Withstand VOL.: A.C. 250V 1minute
Operating Force: 160±50gf
Life Cycle[max]: 100,000 Cycles
All materials must be RoHS compliant.

MATERIALS

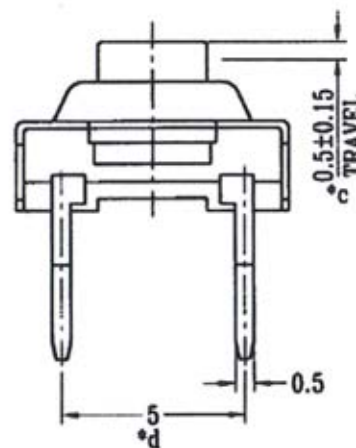
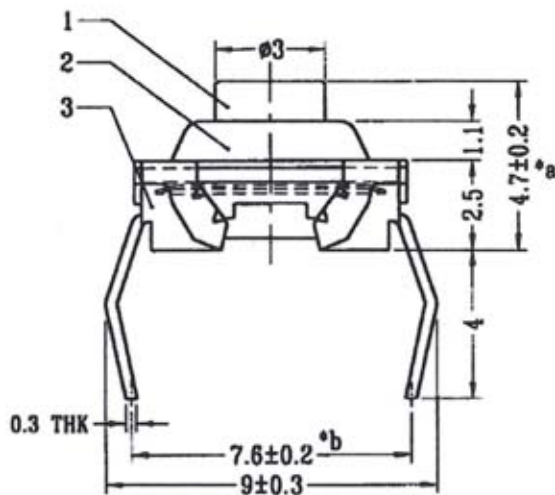
Cover: SUS, Washing
Knob: Nylon, Blue
Case: Nylon/Brass Strip, Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Seal Plate: Rubber, Brown
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 7 C - $\frac{L}{1} \frac{B}{2} \frac{x}{3} \frac{x}{4}$ - $\frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
"4.7" L=4.7MM
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"16" 160g
4. PACKAGE OPTION:
"0" BULK PACK

TACT SWITCHES 7.1x7.1 SMT TYPES (4)

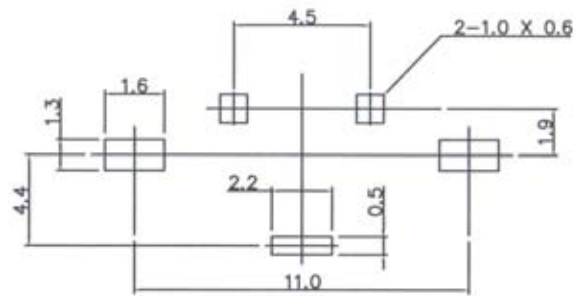
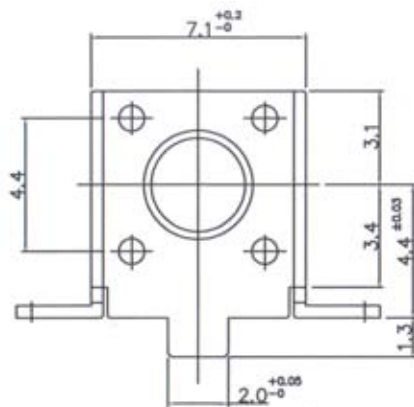


SPECIFICATIONS

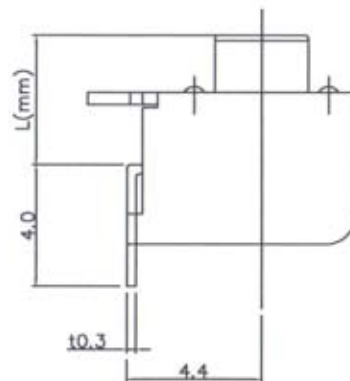
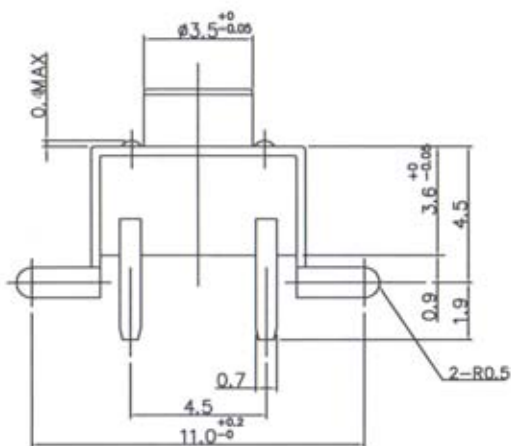
Rating: D.C. 12V 50mA
Operating Force: 100, 130, 160, 250 ±50gf
Travel: 0.25 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 80,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 7 1 - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - x$

1. KNOB HEIGHT L (UNIT: MM):
3.15, 3.85, 5.85, 6.15, 6.85, 8.35, 8.55,
11.35, 11.85, 12.35, 15.15, 15.85
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"10" 100g
"13" 130g
"16" 160g
"25" 250g
4. PACKAGE OPTION:
"R" TAPE & REEL

ILLUMINATED TACT SWITCHES WITH CONDUCTIVE RUBBER CONTACTS (1)

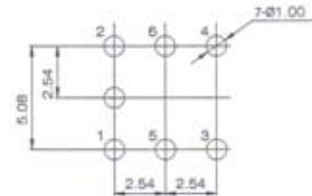
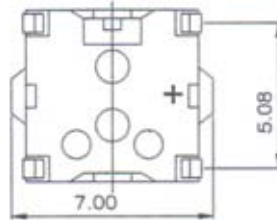
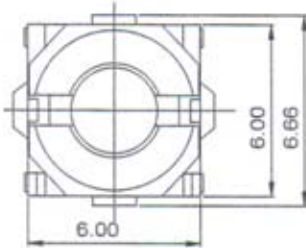


SPECIFICATIONS

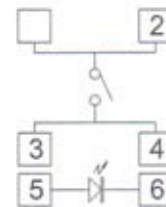
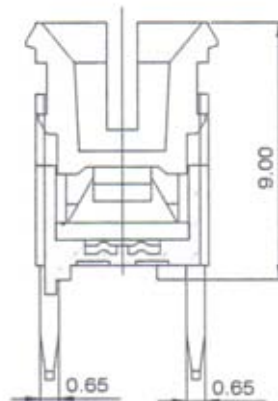
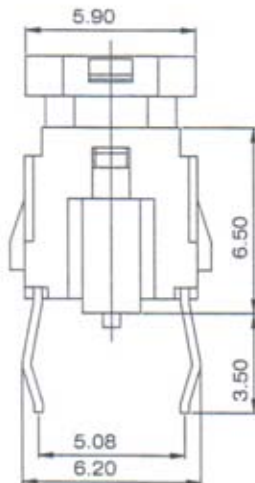
Circuit: SPST
Contact Rating: 10mA
Voltage Rating: 12VDC
Dielectric with Standing Voltage:
 250VAC for 1 minute
Contact Resistance: 500MΩ max.(Initial)
Insulation Resistance: 100MΩ min.
Operating Life: 100,000 Cycles
Soldering Specification: 260°C for 3 seconds
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 9 A - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{5}$

1. OPERATING FORCE:

"1" 100g

2. LED COLOR:

"N" GREEN

"R" RED

"W" WHITE

"Y" YELLOW

"X" WITHOUT LED

3. CAP MODEL:

"A" SQUARE TYPE

"B" CIRCLE TYPE

"X" WITHOUT CAP

4. CAP COLOR:

"B" BLACK

"N" GREEN

"R" RED

"W" WHITE

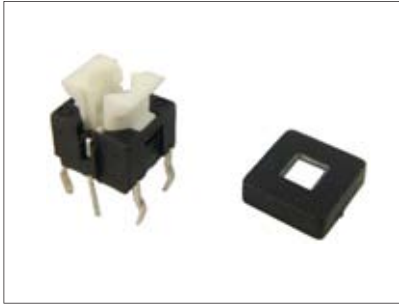
"Y" YELLOW

"X" WITHOUT CAP

5. PACKAGE OPTION:

"0" BULK PACK

ILLUMINATED TACT SWITCHES THROUGH HOLE TYPES (2)

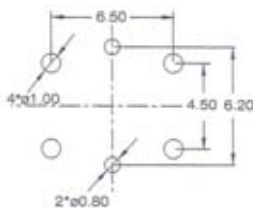
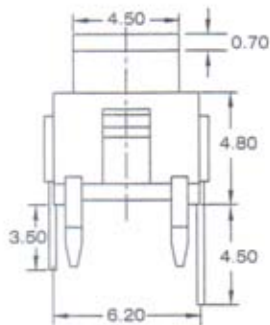
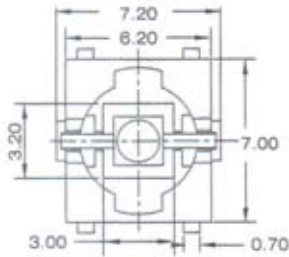


SPECIFICATIONS

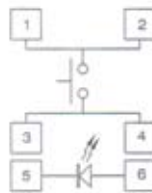
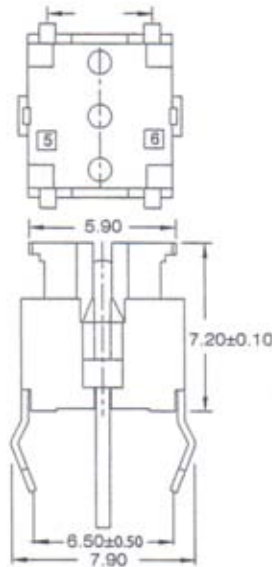
Circuit: SPST
Contact Rating: 50mA
Voltage Rating: 12VDC
Dielectric with Standing Voltage: 250VAC for 1 minute
Contact Resistance: 100MΩ max.(Initial)
Insulation Resistance: 100MΩ min.
Operating Life: 100,000 Cycles
Soldering Specification: 260°C for 3 seconds
All materials must be RoHS compliant.

MATERIALS

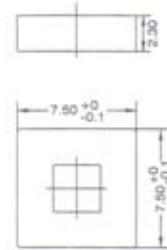
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



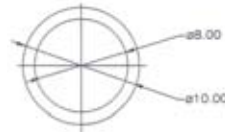
Recommended P.C.Board Layout



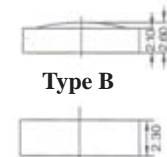
Schematic



Type A



Type B



Type C

ORDERING INFORMATION:

P/N S W T 9 B - $\frac{X}{1} \frac{X}{2} \frac{X}{3} \frac{X}{4} \frac{X}{5}$

1. OPERATING FORCE:

- "1" 100g
- "2" 160g
- "3" 260g

2. LED COLOR:

- "N" GREEN
- "R" RED
- "U" BLUE
- "W" WHITE
- "Y" YELLOW
- "X" WITHOUT LED

3. CAP MODEL:

- "A" TYPE A
- "B" TYPE B

"C" TYPE C

"X" WITHOUT CAP

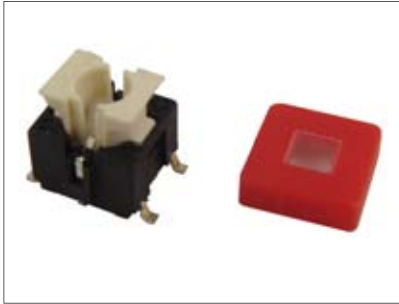
4. CAP COLOR:

- "B" BLACK
- "N" GREEN
- "R" RED
- "U" BLUE
- "W" WHITE
- "Y" YELLOW
- "X" WITHOUT CAP

5. PACKAGE OPTION:

- "0" BULK PACK

ILLUMINATED TACT SWITCHES SMT TYPES (3)

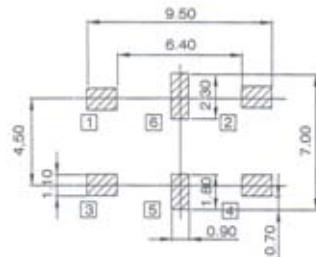
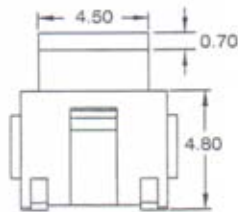
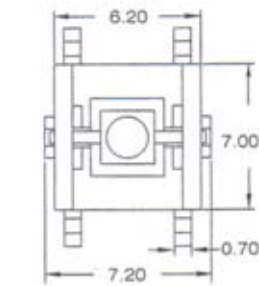


SPECIFICATIONS

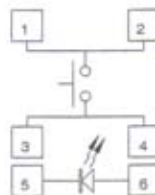
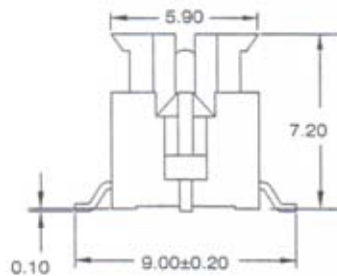
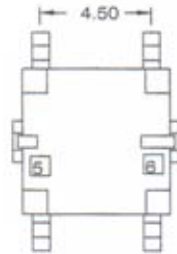
Circuit: SPST
Contact Rating: 50mA
Voltage Rating: 12VDC
Dielectric with Standing Voltage: 250VAC for 1 minute
Contact Resistance: 100MΩ max.(Initial)
Insulation Resistance: 100MΩ min.
Operating Life: 100,000 Cycles
Soldering Specification: 260°C for 3 seconds
All materials must be RoHS compliant.

MATERIALS

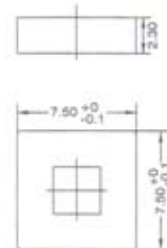
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



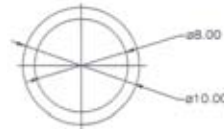
Recommended P.C.Board Layout



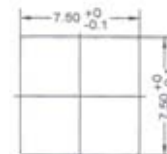
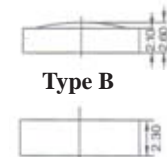
Schematic



Type A



Type B



Type C

ORDERING INFORMATION:

P/N S W T 9 C - $\frac{X}{1} \frac{X}{2} \frac{X}{3} \frac{X}{4} - \frac{X}{5}$

1. OPERATING FORCE:

- "1" 100g
- "2" 160g
- "3" 260g

2. LED COLOR:

- "N" GREEN
- "R" RED
- "U" BLUE
- "W" WHITE
- "Y" YELLOW
- "X" WITHOUT LED

3. CAP MODEL:

- "A" TYPE A
- "B" TYPE B

"C" TYPE C

"X" WITHOUT CAP

4. CAP COLOR:

- "B" BLACK
- "N" GREEN
- "R" RED
- "U" BLUE
- "W" WHITE
- "Y" YELLOW
- "X" WITHOUT CAP

5. PACKAGE OPTION:

- "T" TUBE
- "R" TAPE & REEL

ILLUMINATED TACT SWITCHES THROUGH HOLE TYPES (4)

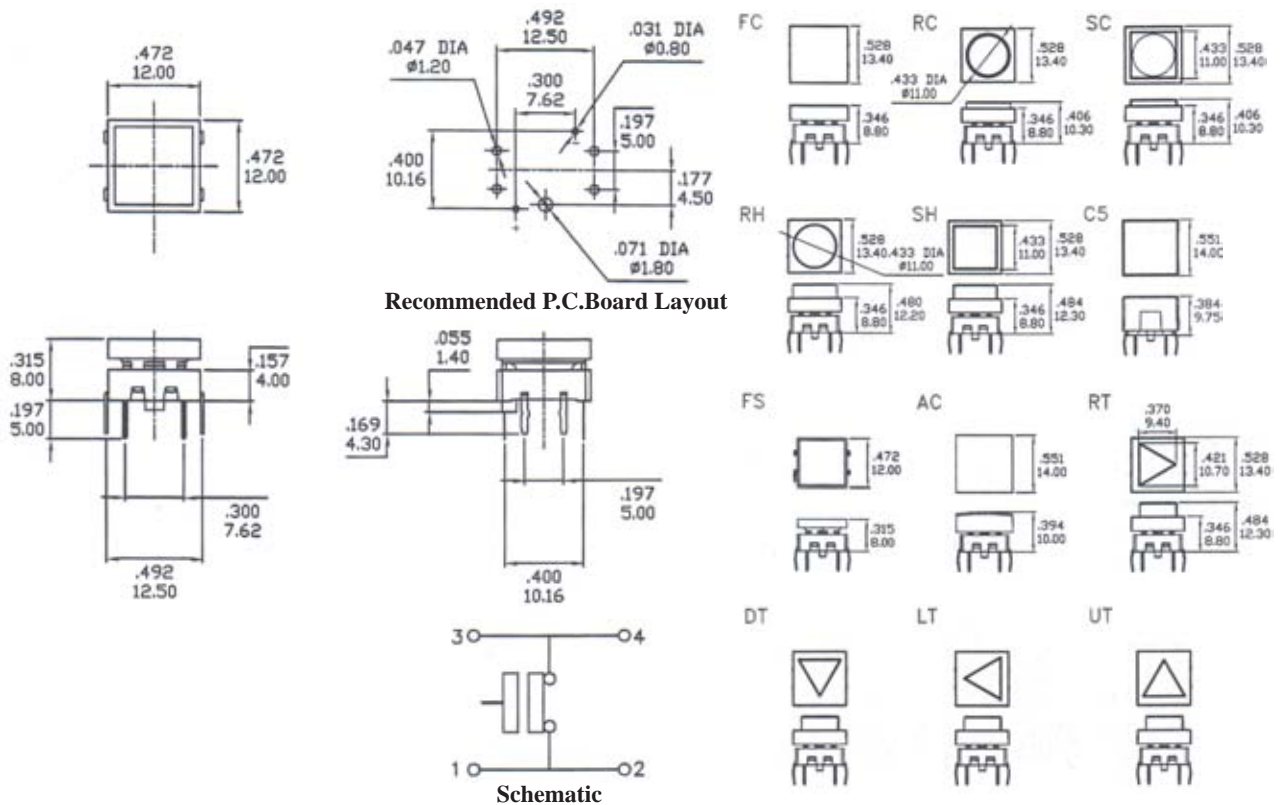


SPECIFICATIONS

Operating Temperature: 10°C ~ +60°C
Ambient Humidity: 85%RH max.
Contact Arrangement: S.P.S.T
LED Rating: 50mA/12VDC Voltage 6V max, current 20mA max.
Contact Resistance: 100mΩ max(Initial)
Insulation Resistance: 100MΩ min.
Operating Force: 250±50gf max.
Total Travel: 0.30mm±0.10mm
Operating Life: 500,000 Cycles
Soldering: 260°C at 3 seconds
All materials must be RoHS compliant.

MATERIALS

Cap: PC.
Cover: PC.
Base: PA.
Housing: PC.
Lamp Terminal: PBS with Au Plated
ACT Dome: PBS with Au Plated
Terminal: Brass with Au Plated
LED: Surface mount chip LED
Unit: inches/mm



ORDERING INFORMATION:

P/N S W T 9 D - $\frac{x}{1} \frac{x}{2} \frac{x}{3}$

1. LED COLOR:
 "N" GREEN
 "R" RED
 "U" BLUE
 "W" WHITE
 "Y" YELLOW
2. CAP OPTION:
 FC, RC, SC, RH, SH, C5,
 FS, AC, RT, DT, LT, UT
3. PACKAGE OPTION:
 "0" BULK PACK

ILLUMINATED TACT SWITCHES THROUGH HOLE TYPES (5)

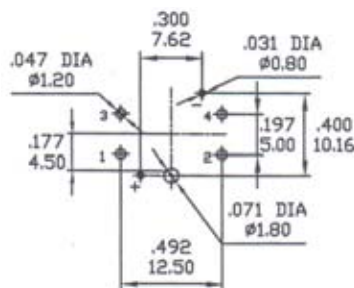
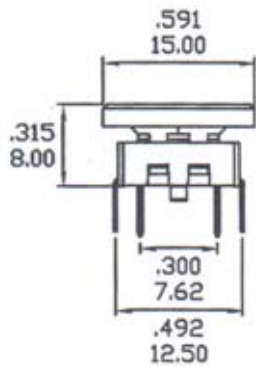


SPECIFICATIONS

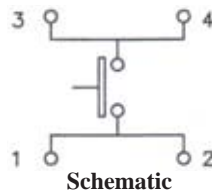
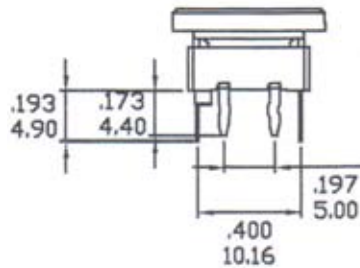
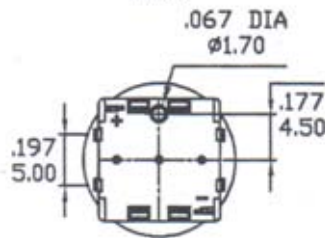
Operating Temperature: 10°C ~ +60°C
Ambient Humidity: 85%RH max.
Contact Arrangement: S.P.S.T
LED Rating: 50mA/12VDC Voltage 6V max, current 20mA max.
Contact Resistance: 100mΩ max(Initial)
Insulation Resistance: 100MΩ min.
Operating Force: 250±50gf max.
Total Travel: 0.30mm±0.10mm
Operating Life: 500,000 Cycles
Soldering: 260°C at 3 seconds
All materials must be RoHS compliant.

MATERIALS

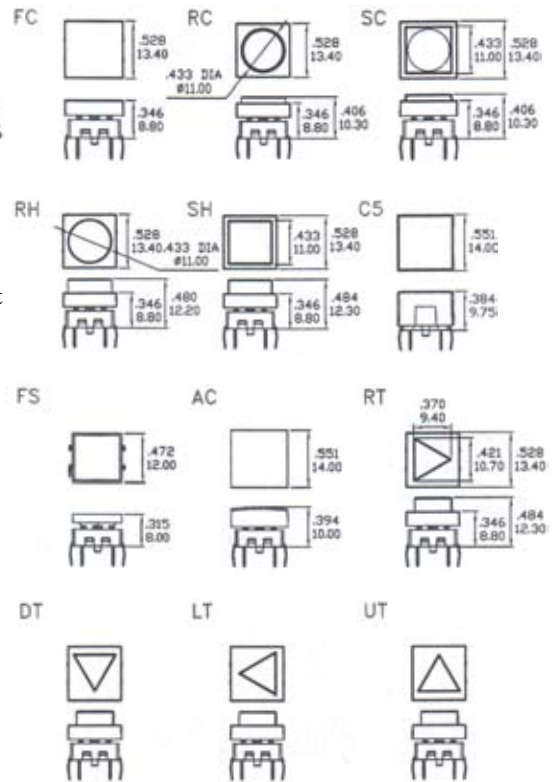
Cap: PC.
Cover: PC.
Base: PA.
Housing: PC.
Lamp Terminal: PBS with Au Plated
ACT Dome: PBS with Au Plated
Terminal: Brass with Au Plated
LED: Surface mount chip LED
Unit: inches/mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W T 9 E - $\frac{x}{1} \frac{x}{2} \frac{x}{3}$

- LED COLOR:
 "N" GREEN
 "R" RED
 "U" BLUE
 "W" WHITE
 "Y" YELLOW
- CAP OPTION:
 FC, RC, SC, RH, SH, C5,
 FS, AC, RT, DT, LT, UT
- PACKAGE OPTION:
 "0" BULK PACK

ILLUMINATED TACT SWITCHES THROUGH HOLE TYPES (6)

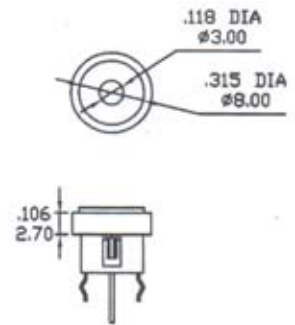
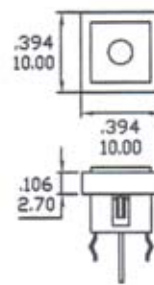
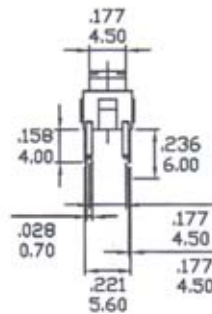
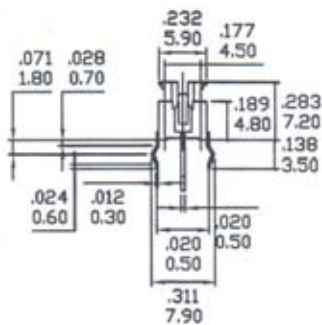


SPECIFICATIONS

Operating Temperature: -20°C ~ +70°C
Ambient Humidity: 85%RH max.
Contact Arrangement: S.P.S.T
Rated Voltage and Current: 12VDC 50mA
LED Rating: 20mA 4V
Contact Resistance: 100mΩ max(Initial)
Insulation Resistance: 100MΩ min.
Dielectric Strength: 250VAC, 1min
Operating Force: 250±50gf max.
Total Travel: 0.25mm±0.2mm
Operating Life: 100,000 Cycles
Malfunction Durability: 10 to 55 Hz 0.75mm, double amplitude during 2 hrs.
All materials must be RoHS compliant.

MATERIALS

Cap: ABS.
Base: PBT.
Housing: Nylon66+15%gf.
Movable Blade: SUS S01+AG.
Terminal: Brass+AG.
Unit: inches/mm



Code	Housing Model
A	
B	
X	Without Housing

Code	Cap Model
A	Without LED
B	With LED
C	Without LED
D	With LED
X	Without LED

ORDERING INFORMATION:

P/N S W T 9 F - $\frac{X}{1} \frac{X}{2} \frac{X}{3} \frac{X}{4} \frac{X}{5} \frac{X}{6}$

1. HOUSING MODEL:

A, B, X

2. HOUSING COLOR:

"A" GRAY
 "B" BLACK
 "X" WITHOUT HOUSING

3. CAP MODEL:

A, B, C, D, X

4. CAP COLOR:

"B" BLACK
 "N" GREEN
 "R" RED
 "V" IVORY
 "A" GRAY

"Y" YELLOW

"X" WITHOUT CAP

5. LED COLOR:

"N" GREEN
 "R" RED
 "U" BLUE
 "W" WHITE
 "Y" YELLOW
 "X" WITHOUT LED

6. PACKAGE TYPE:

"0" BULK PACK

ILLUMINATED TACT SWITCHES SMT TYPES (7)

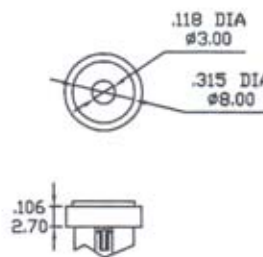
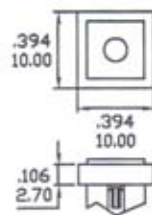
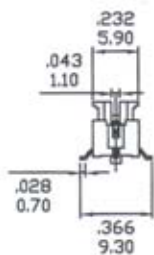
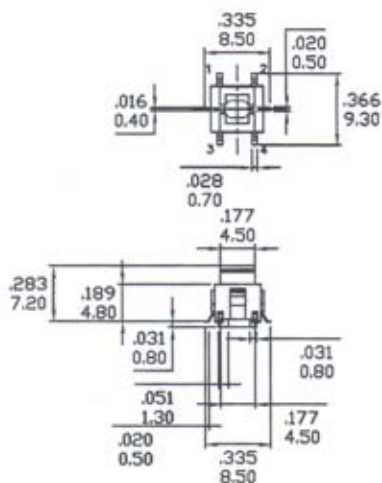


SPECIFICATIONS

Operating Temperature: -20°C ~ +70°C
Ambient Humidity: 85%RH max.
Contact Arrangement: S.P.S.T
Rated Voltage and Current: 12VDC 50mA
LED Rating: 20mA 4V
Contact Resistance: 100mΩ max(Initial)
Insulation Resistance: 100MΩ min.
Dielectric Strength: 250VAC, 1min
Operating Force: 250±50gf max.
Total Travel: 0.25mm±0.2mm
Operating Life: 100,000 Cycles
Malfunction Durability: 10 to 55 Hz 0.75mm, double amplitude during 2 hrs.
All materials must be RoHS compliant.

MATERIALS

Cap: ABS.
Base: PBT.
Housing: Nylon66+15%gf.
Movable Blade: SUS S01+AG.
Terminal: Brass+AG.
Unit: inches/mm



Code	Housing Model
A	
B	
X	Without Housing

Code	Cap Model
A	Without LED
B	With LED
C	Without LED
D	With LED
X	Without LED

ORDERING INFORMATION:

P/N S W T 9 G - $\frac{x}{1} \frac{x}{2} \frac{x}{3} \frac{x}{4} \frac{x}{5} \frac{x}{6}$

1. HOUSING MODEL:

A, B, X

2. HOUSING COLOR:

"A" GRAY
 "B" BLACK
 "X" WITHOUT HOUSING

3. CAP MODEL:

A, B, C, D, X

4. CAP COLOR:

"B" BLACK
 "N" GREEN
 "R" RED
 "V" IVORY
 "A" GRAY

"Y" YELLOW

"X" WITHOUT CAP

5. LED COLOR:

"N" GREEN
 "R" RED
 "U" BLUE
 "W" WHITE
 "Y" YELLOW
 "X" WITHOUT LED

6. PACKAGE TYPE:

"0" BULK PACK
 "R" TAPE & REEL

ILLUMINATED TACT SWITCHES SMT TYPES (8)

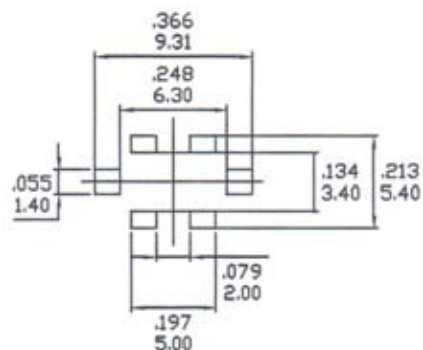
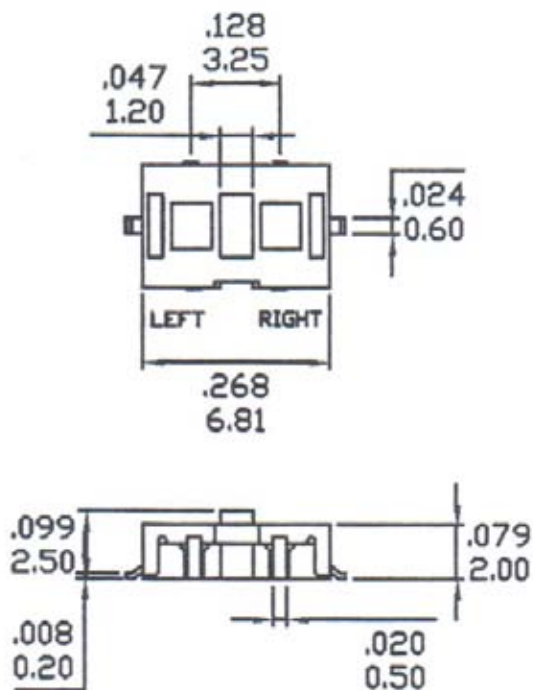


SPECIFICATIONS

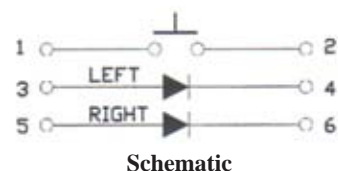
Contact Rating: 12VDC, 50mA max.
 1VDC, 10uA min.
Electrical Life: 30,000 cycles
Contact Resistance: 500mΩ max
Insulation Resistance: 100VDC 100mΩ min
Operating Force: 160+75/-30 gf.
Operating Temperature: -20°C ~ 70°C
Function: Momentary action.
Contact Arrangement: SPST, N.O.
IR Soldering: 240°C for 3 sec. max.
Packaging: 2,900pcs per tape reel.
All materials must be RoHS compliant.

MATERIALS

Cover: PA9T+GF.
ACTUATOR: LCP+GF.
Base Frame: LCP+GF.
Terminal: Silver Plating
Unit: inches/mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W T 9 H - $\frac{x}{1} \frac{x}{2} \frac{x}{3} - \frac{x}{4}$

1. LEFT LED COLOR &

2. RIGHT LED COLOR:

"R" RED

"N" GREEN

"Y" YELLOW

"U" BLUE

"W" WHITE

"X" WITHOUT HOUSING

3. OPTIONAL CODE:

"U" ULTRA LED BRIGHTNESS

"X" STANDARD LED BRIGHTNESS

4. PACKAGE TYPE:

"0" BULK PACK

"R" TAPE & REEL

WATER-PROOF TACT SWITCHES (1)



SPECIFICATIONS

Contact Rating: DC 12V, 50mA

Electrical Life: 1,000,000 cycles

Contact Resistance: 500mΩ max. (initial)

Insulation Resistance: 100MΩ min. 10VDC

Dielectric Strength: 250VAC/1 min.

Operating Temperature: -20°C ~ 70°C

All materials must be RoHS compliant.

MATERIALS

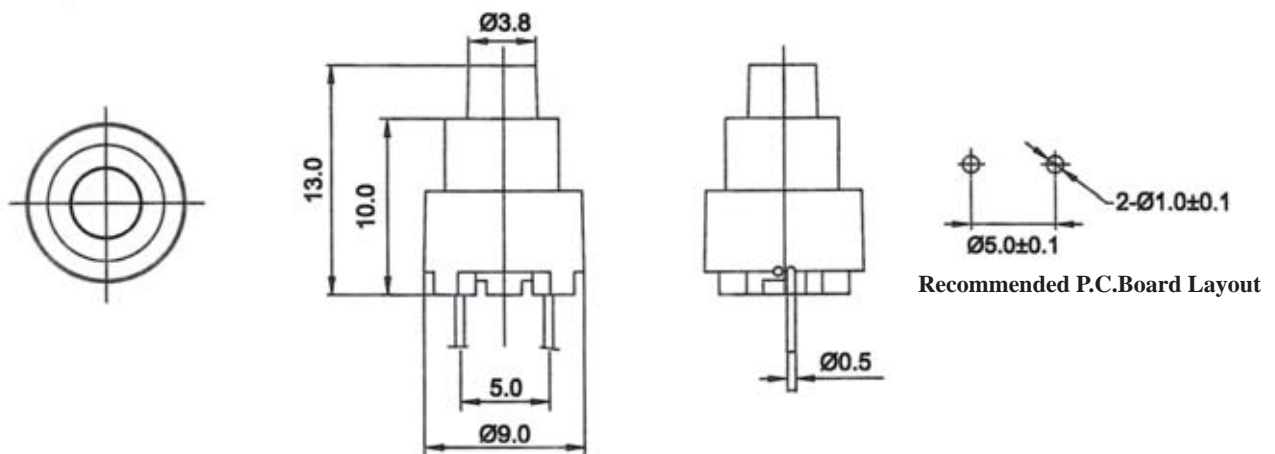
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



ORDERING INFORMATION:

P/N S W T 9 V - $\frac{x}{1} \frac{x}{2} \frac{x}{3} - x$

1. OPERATING FORCE:

"10" 160g, ORANGE

"2R" 260g, RED

2. KNOB HEIGHT H:

"1" H=13MM

"2" H=23.2MM

3. PACKAGE OPTION:

"0" BULK PACK

WATERPROOF TACT SWITCHES (2)

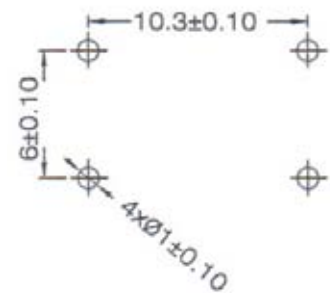
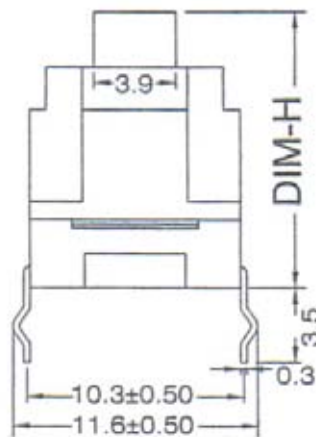
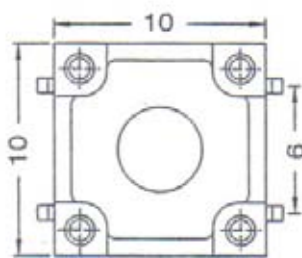


SPECIFICATIONS

Contact Rating: 12VDC, 50mA
Electrical Life: 1,000,000 cycles
Contact Resistance: 100mΩ max.
Insulation Resistance: 100MΩ min. 500VDC
Dielectric Strength: 500VAC/1 min.
Operating Force: 160±50g, 260±70g
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W T 9 W - $\frac{x}{1} \frac{x}{2} \frac{x}{3}$

1. OPERATING FORCE:
 - "10" 160g, ORANGE
 - "2R" 260g, RED
2. KNOB HEIGHT H:
 - "1" H=13MM
 - "2" H=22.75MM
 - "3" H=33.7MM
3. PACKAGE OPTION:
 - "0" BULK PACK

WATERPROOF TACT SWITCHES (3)

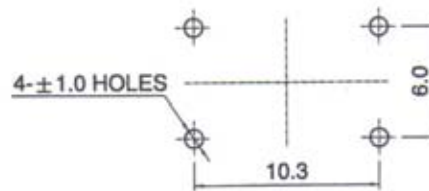
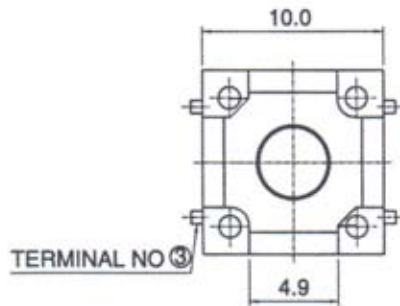


SPECIFICATIONS

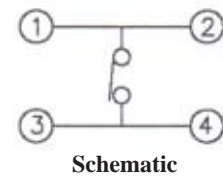
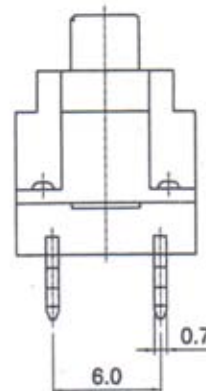
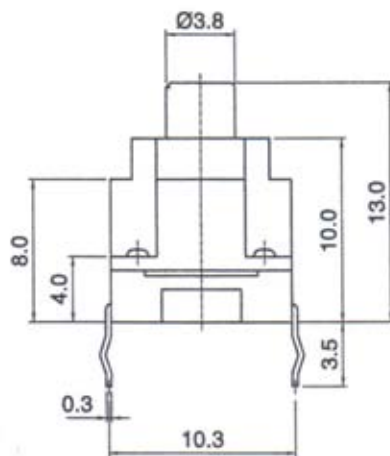
Rating: D.C. 12V 50mA
Operating Force: 220±50gf
Travel: 0.3 ±0.1mm
Contact Resistance: 100mΩ Max
Life: 100,000 Cycles min
All materials must be RoHS compliant.

MATERIALS

Button: PBT, Black
Cover: PA66, Black
Stem: PA66, Black
Contact: C5210, Ag Clad
Terminal: Brass Strip, Ag Coating
Case: PA9T, Black
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W T 9 Y - $\frac{L}{1} \frac{xxx}{2} \frac{x}{3} \frac{x}{4} - \frac{x}{4}$

1. KNOB HEIGHT L (UNIT: MM):
13.0
2. COLOR OF STEM:
"B" BLACK
3. OPERATING FORCE:
"22" 220g
4. PACKAGE OPTION:
"0" BULK PACK

MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES (1)

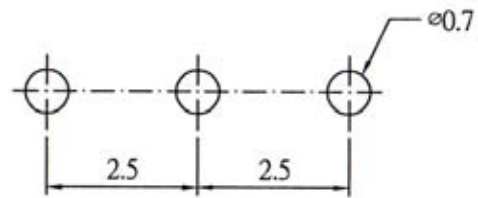
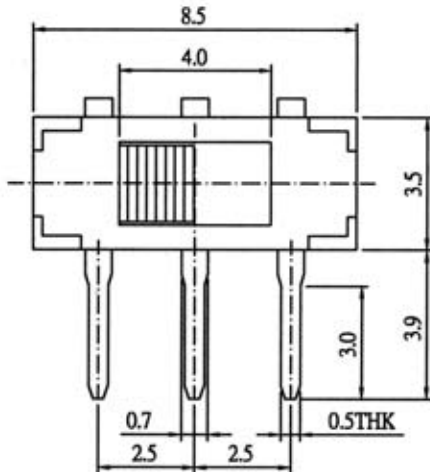


SPECIFICATIONS

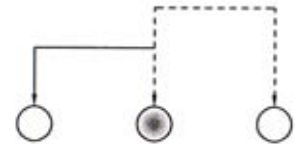
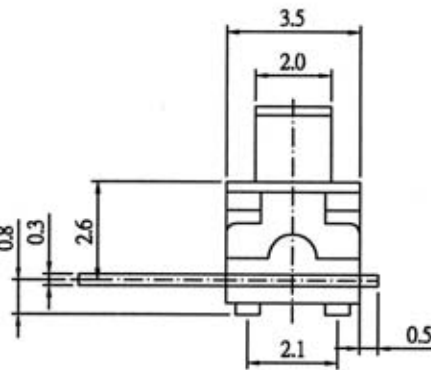
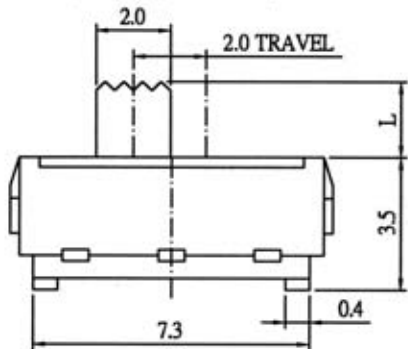
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 200 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 8 C - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
"02" 2.0MM
"03" 3.0MM
"4D" 4.4MM

MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES (2)

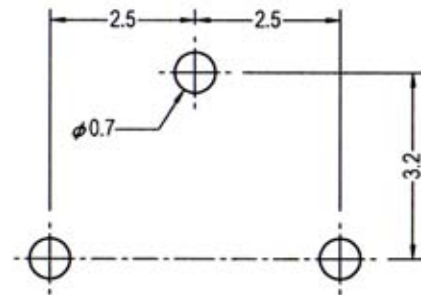
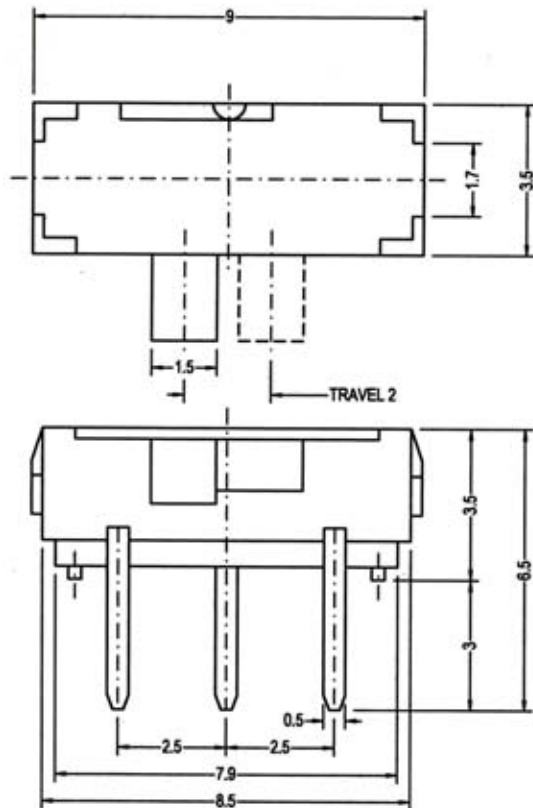


SPECIFICATIONS

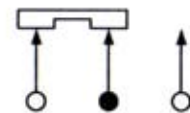
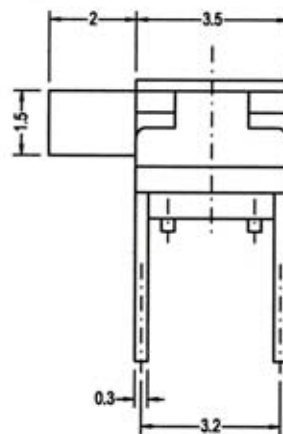
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 200 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 E - $\frac{x P x T F 0 2}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES (3)

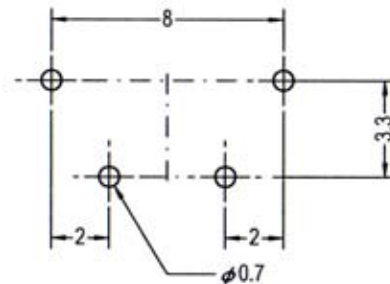
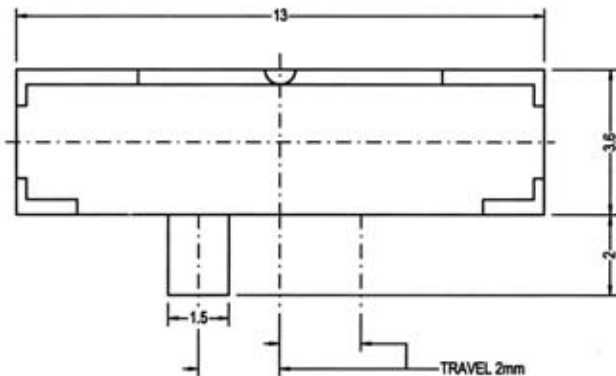


SPECIFICATIONS

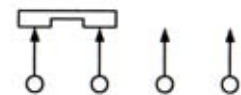
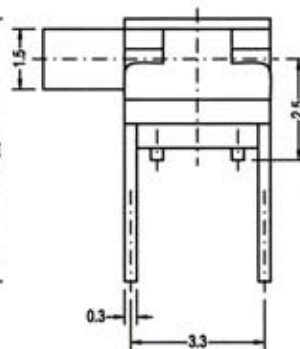
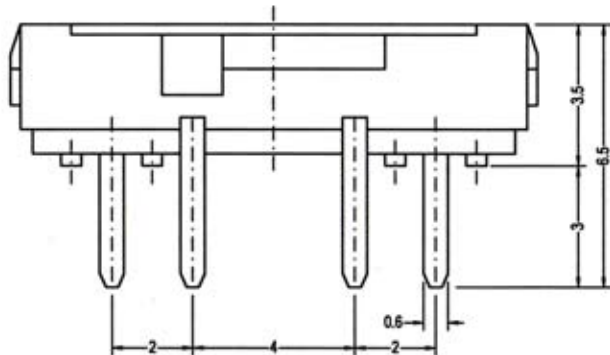
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 G - $\frac{x P x T F 0 2}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES (4)

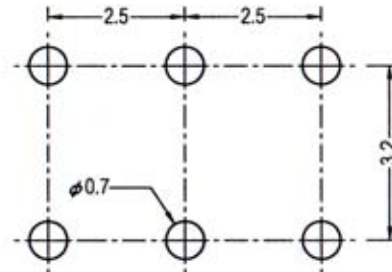
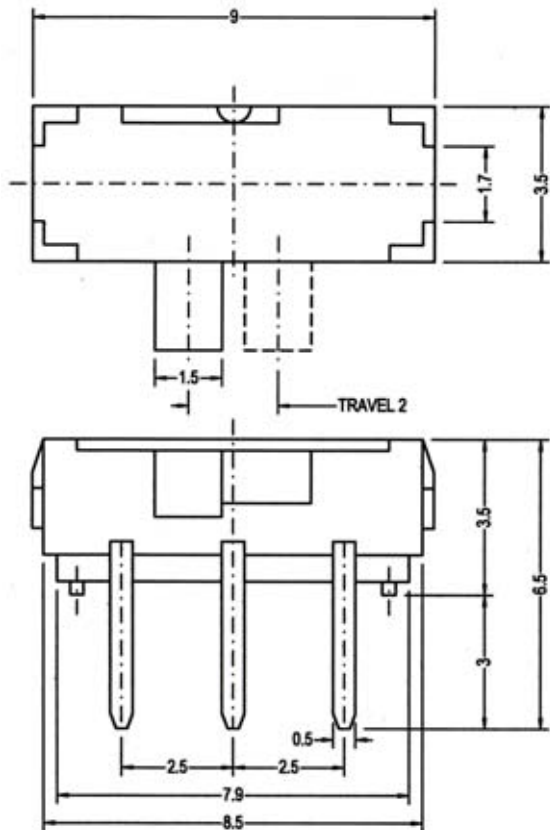


SPECIFICATIONS

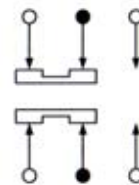
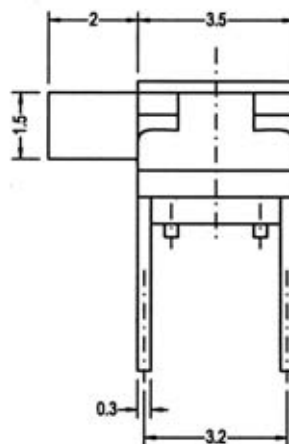
Circuit: ON-ON (2P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 200 ± 100g
Life cycle[max]: 5,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 K - $\frac{x P x T F 0 2}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES RIGHT ANGLE DIP TYPES (5)

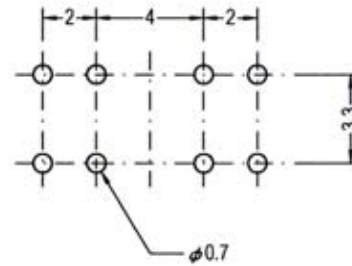
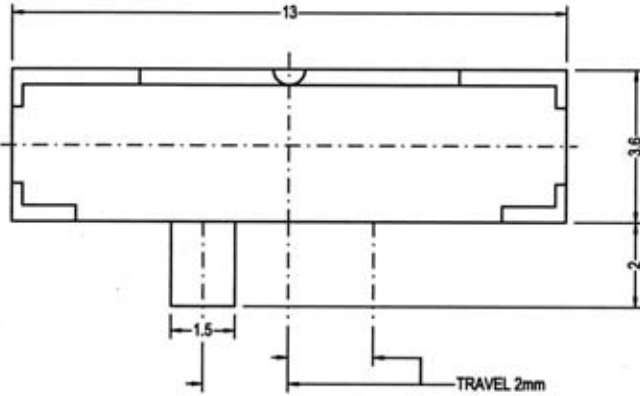


SPECIFICATIONS

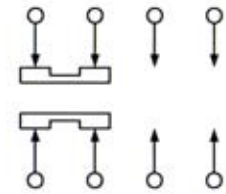
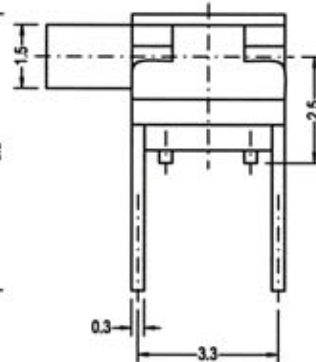
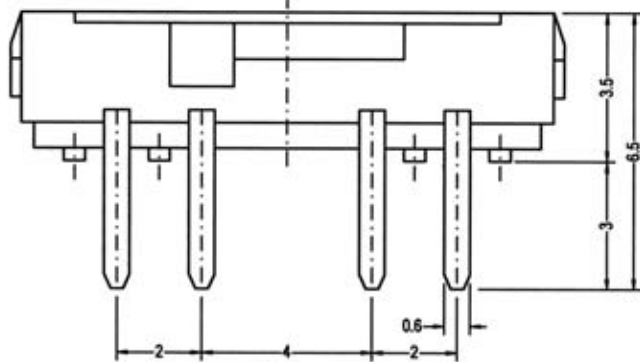
Circuit: ON-ON (2P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 5,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 J - $\frac{xP}{1} \frac{xT}{2} \frac{F02}{3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES STRAIGHT DIP TYPES (1)

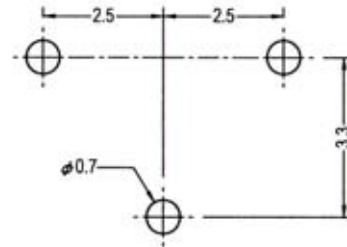
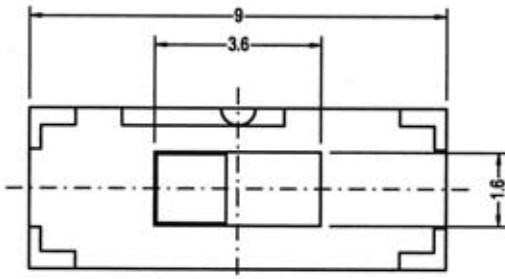


SPECIFICATIONS

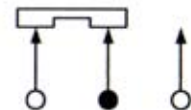
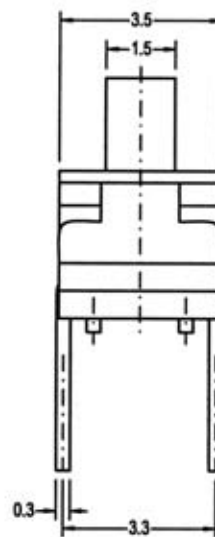
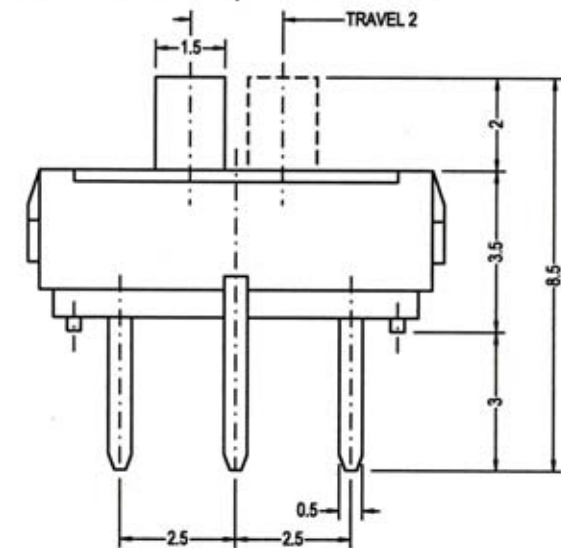
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 150g
Life cycle[max]: 5,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 A - $\frac{x}{1}$ P $\frac{x}{2}$ T F $\frac{x}{3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES STRAIGHT DIP TYPES (2)

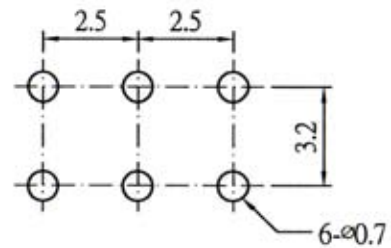
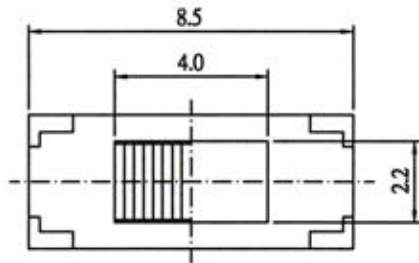


SPECIFICATIONS

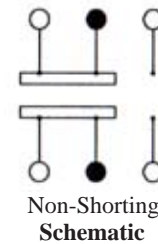
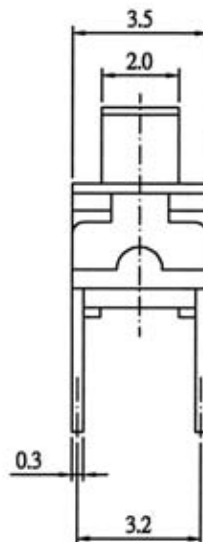
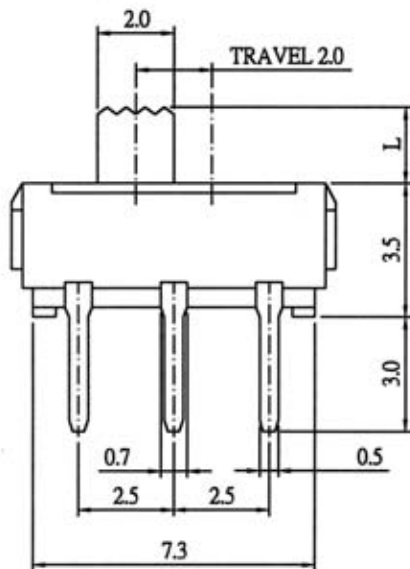
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 200 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 8 B - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
"02" 2.0MM
"03" 3.0MM
"4D" 4.4MM

MINI SLIDE SWITCHES STRAIGHT DIP TYPES (3)



SPECIFICATIONS

Circuit: ON-ON-ON (1P3T)

Rating: D.C. 6V 0.3A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Non-Shorting

Operating force: 250 ± 100gf

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

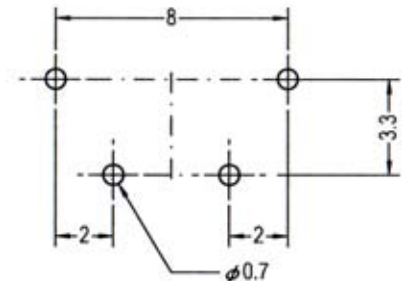
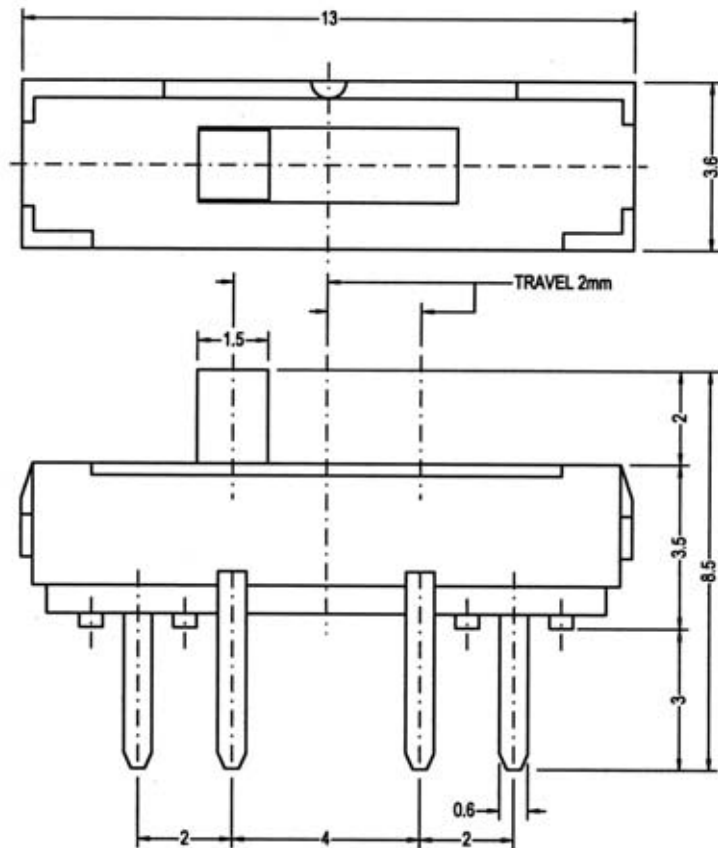
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

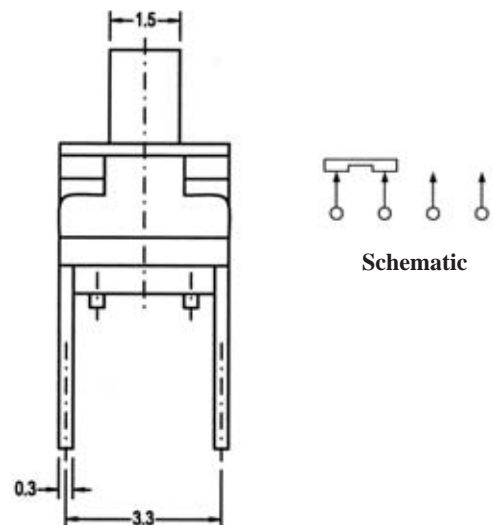
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 F - $\frac{xP}{1} \frac{xT}{2} \frac{F02}{3}$

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES STRAIGHT DIP TYPES (4)

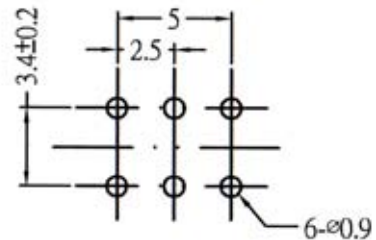
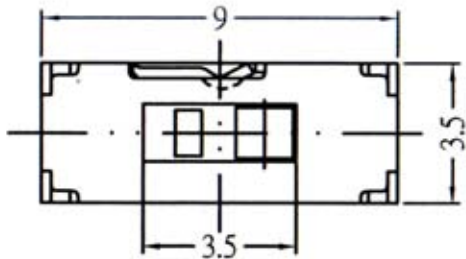


SPECIFICATIONS

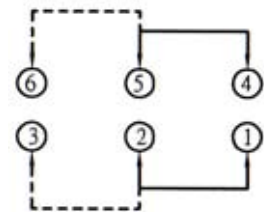
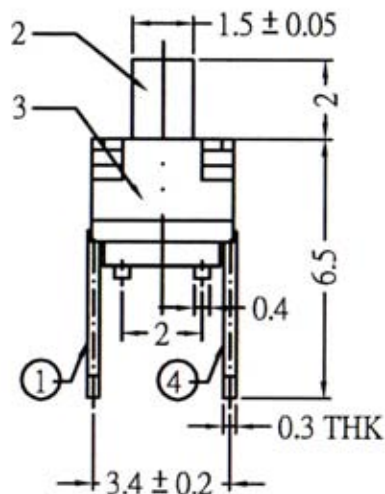
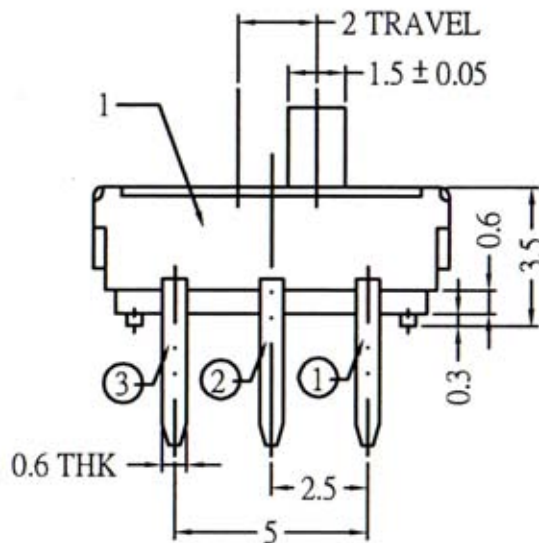
Circuit: ON-ON (2P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 200 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 8 D - $\frac{x P x T F x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES STRAIGHT DIP TYPES (5)

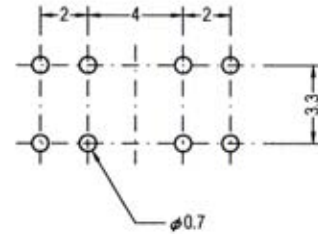
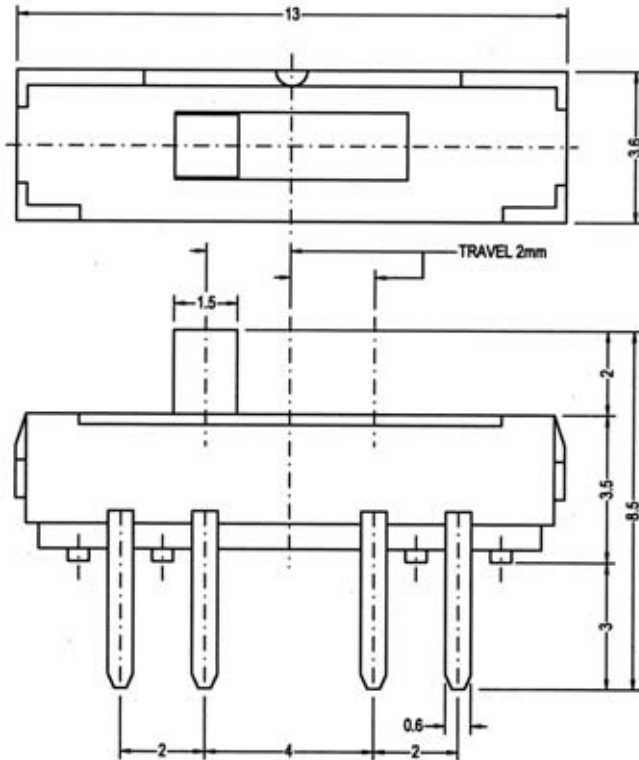


SPECIFICATIONS

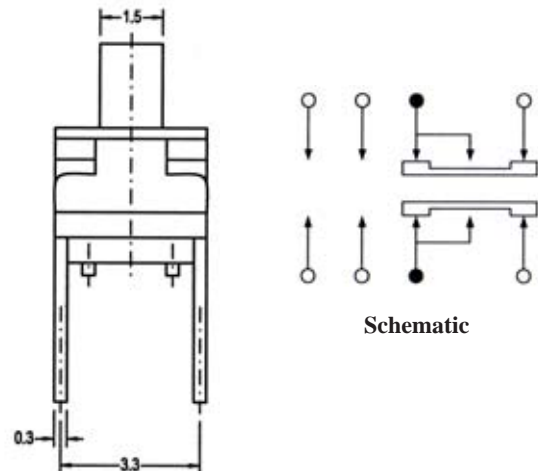
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 H - $\frac{x P x T F 0 2}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"02" 2.0MM

MINI SLIDE SWITCHES SMT TYPES (1)

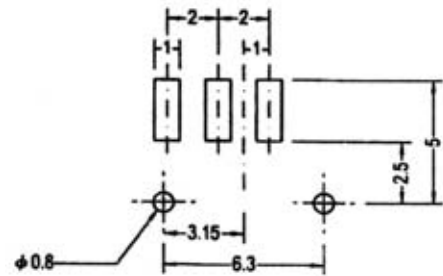
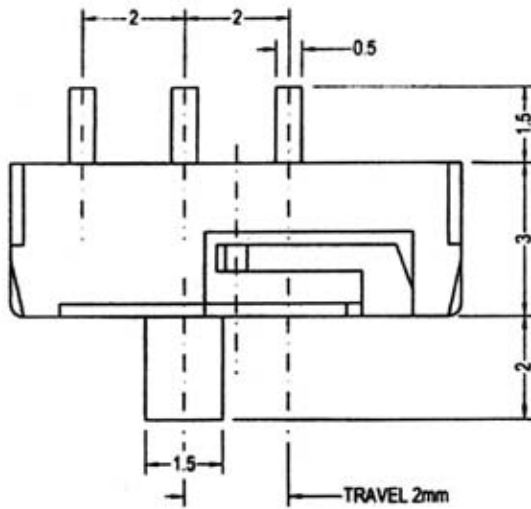


SPECIFICATIONS

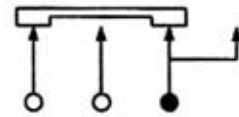
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 150 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

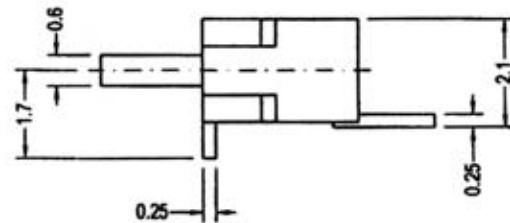
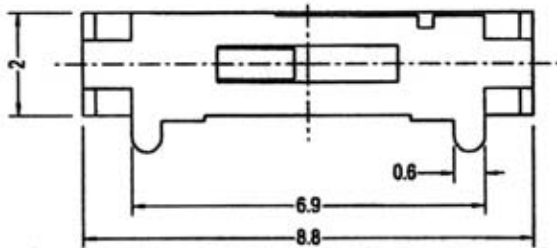
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

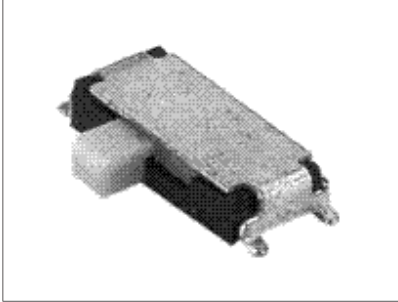


ORDERING INFORMATION:

P/N S W S 9 A - $\frac{1P2T}{1} \frac{x}{2} \frac{x}{3}$

1. SWITCHING ACTION:
 "1P2T" ON-ON
2. COVER TYPE:
 "A" EMBOSSING COVER
 "B" NON-EMBOSSING COVER
 "C" SPRING RETURN & EMBOSSING COVER
 "D" SPRING RETURN & NON-EMBOSSING COVER
3. PACKAGE OPTION:
 "T" TUBE
 "R" TAPE & REEL
 "0" BULK PACK

MINI SLIDE SWITCHES SMT TYPES (2)

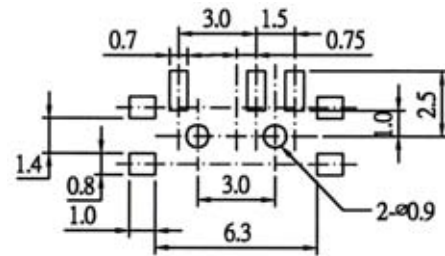
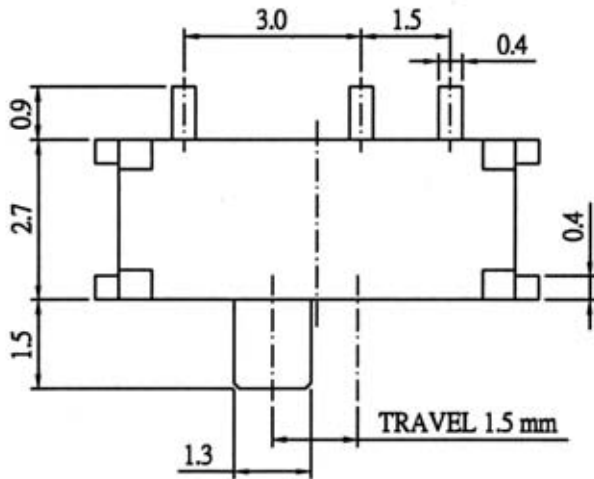


SPECIFICATIONS

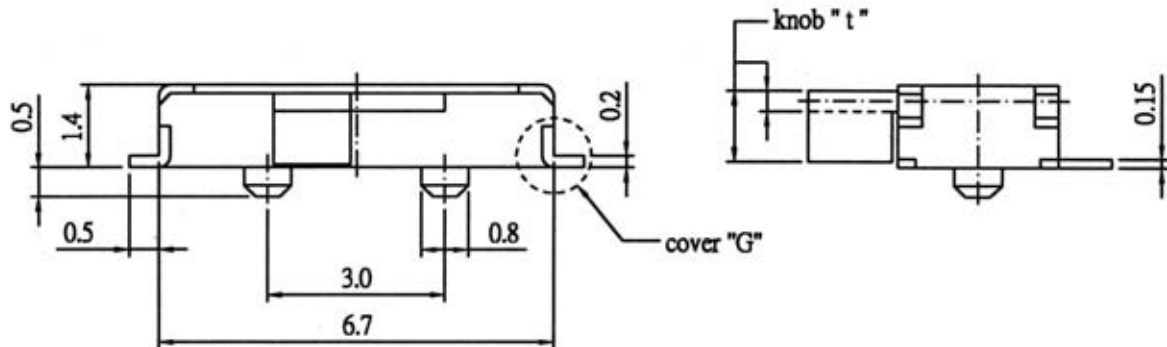
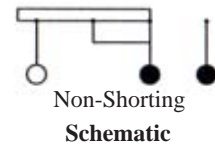
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 150 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

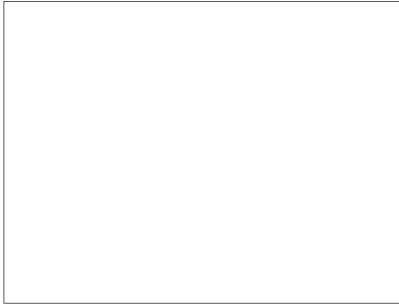


ORDERING INFORMATION:

P/N S W S 9 B - $\frac{1}{1} P 2 T \frac{x}{2} \frac{x}{3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB & COVER OPTION:
"AN" KNOB T=0.4MM W/O COVER G
"AP" KNOB T=0.4MM WITH COVER G
"BN" KNOB T=1.1MM W/O COVER G
"BP" KNOB T=1.1MM WITH COVER G
3. PACKAGE OPTION:
"T" TUBE
"R" TAPE & REEL
"0" BULK PACK

MINI SLIDE SWITCHES SMT TYPES (3)

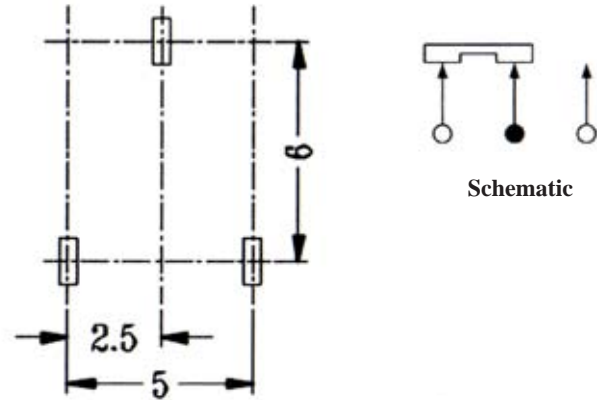
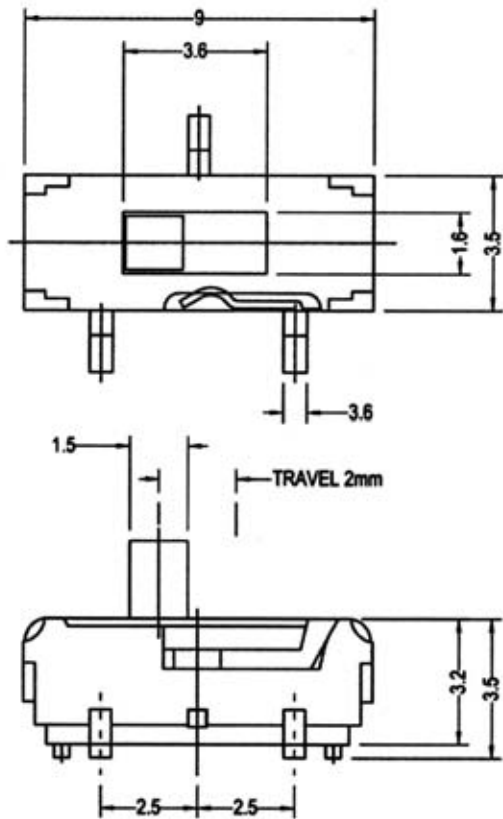


SPECIFICATIONS

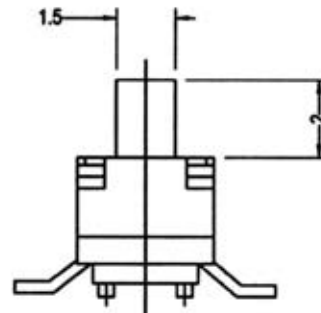
Circuit: ON-ON (1P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: 70mΩ (initial)
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 5,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

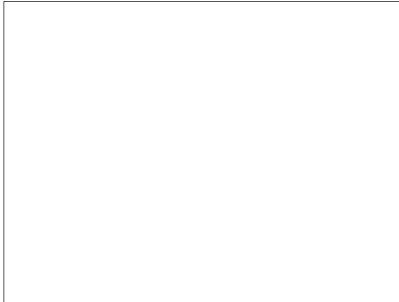


ORDERING INFORMATION:

P/N S W S 9 E - $\frac{1}{1}$ P 2 T $\frac{x}{2}$ x - $\frac{x}{3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. OPERATING FORCE:
"25" 250 ± 150g
3. PACKAGE OPTION:
"T" TUBE
"R" TAPE & REEL
"0" BULK PACK

MINI SLIDE SWITCHES SMT TYPES (4)

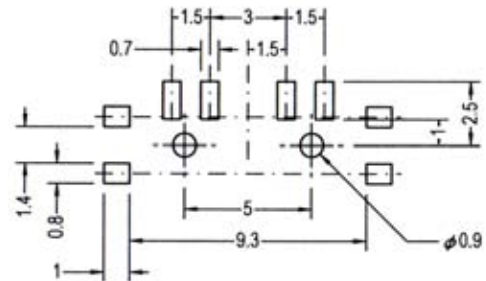
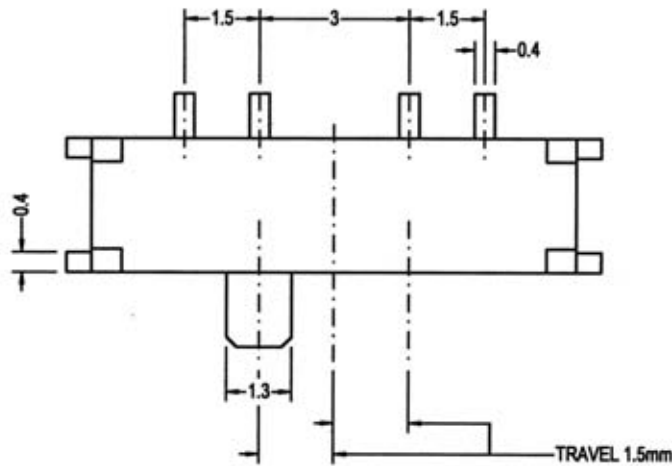


SPECIFICATIONS

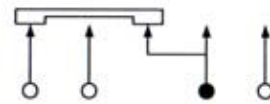
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

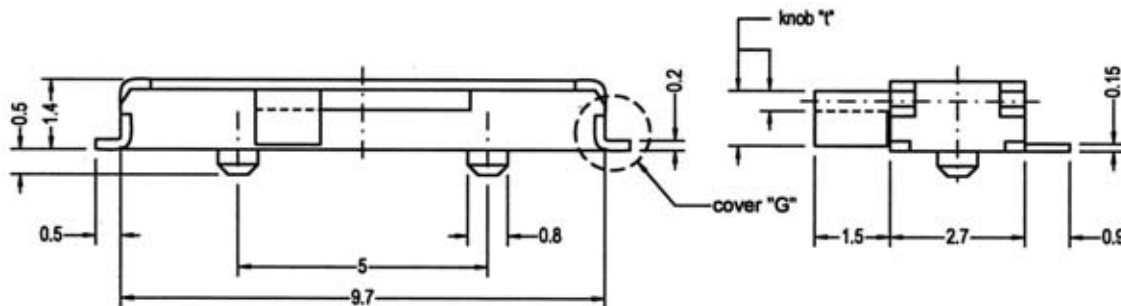
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W S 9 C - $\frac{1}{1} P 3 T \frac{x}{2} x - \frac{x}{3}$

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB & COVER OPTION:
"AN" KNOB T=0.4MM W/O COVER G
"AP" KNOB T=0.4MM WITH COVER G
"BN" KNOB T=1.1MM W/O COVER G
"BP" KNOB T=1.1MM WITH COVER G
3. PACKAGE OPTION:
"T" TUBE
"R" TAPE & REEL
"0" BULK PACK

MINI SLIDE SWITCHES SMT TYPES (5)

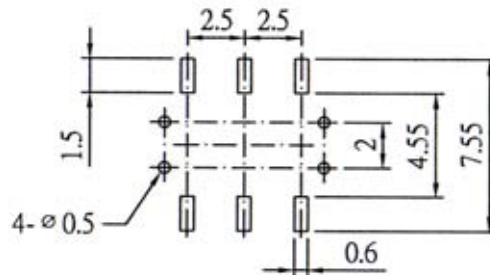
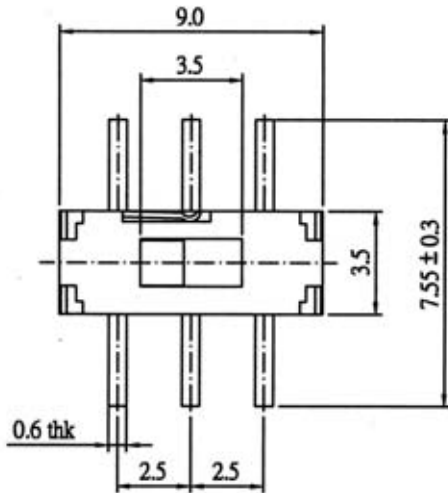


SPECIFICATIONS

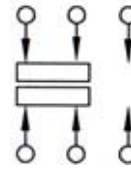
Circuit: ON-ON (2P2T)
Rating: D.C. 6V 0.3A
Contact R.[max]: D.C. 5V 1A 70mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 200 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

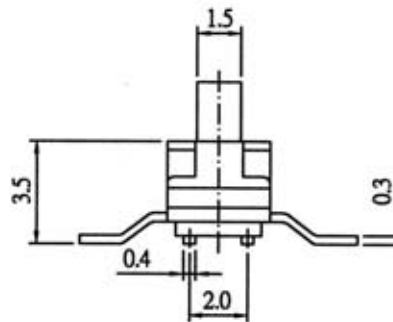
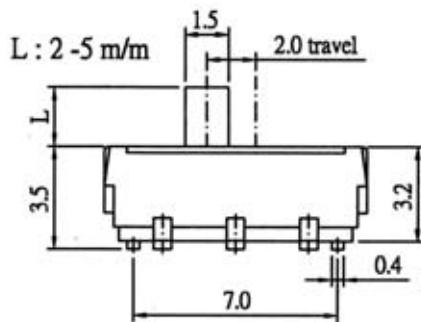
Cover: 0.2mm SUS, Washing
Knob: POM, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

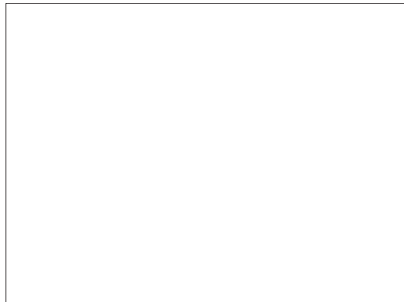


ORDERING INFORMATION:

P/N SWS9D - $\frac{2}{1}$ P $\frac{2}{2}$ T $\frac{x}{x}$ - $\frac{x}{3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB LENGTH (L IN MM):
"02" 2.0MM
"03" 3.0MM
"04" 4.0MM
"05" 5.0MM
3. PACKAGE OPTION:
"T" TUBE
"R" TAPE & REEL
"0" BULK PACK

MINI SLIDE SWITCHES SMT TYPES (6)



SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)

Rating: D.C. 6V 0.3A

Timing: Non-Shorting

Travel: 2+2mm

All materials must be RoHS compliant.

MATERIALS

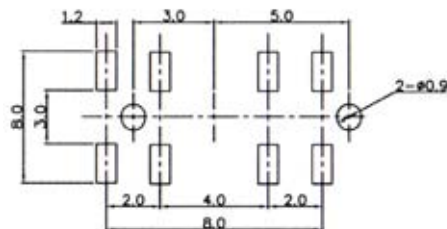
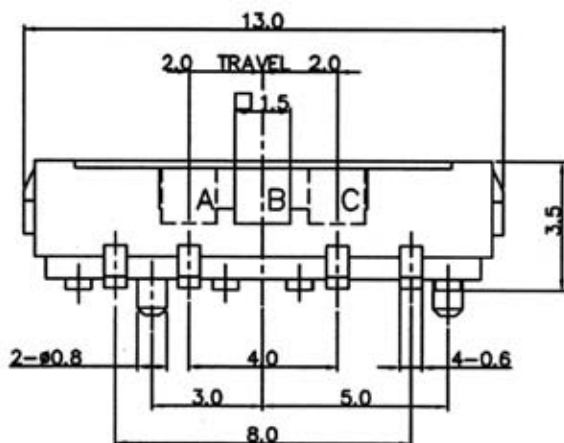
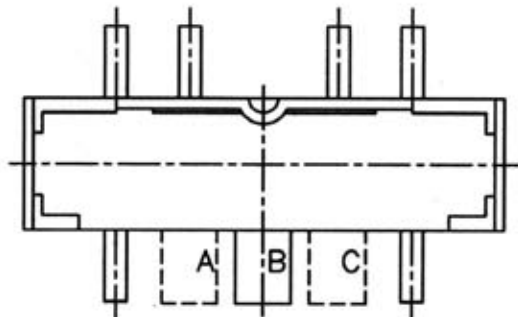
Cover: 0.2mm SUS, Washing

Knob: POM, Black

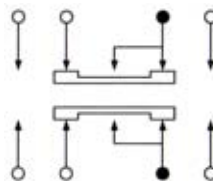
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

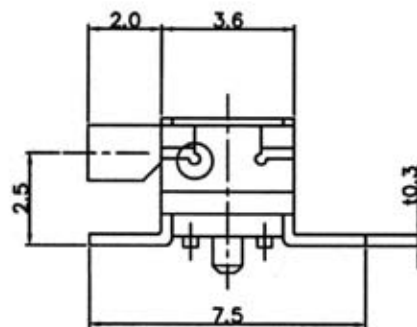
Unit: mm



Recommended P.C.Board Layout



Schematic



ORDERING INFORMATION:

P/N S W S 9 G - $\frac{2 P 3 T}{1} \frac{x x}{2} \frac{x}{3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. OPERATING FORCE:
"25" 250 ± 150g
"30" 300 ± 150g
3. PACKAGE OPTION:
"T" TUBE
"R" TAPE & REEL
"0" BULK PACK

SLIDE SWITCHES SOLDER TYPES (1)



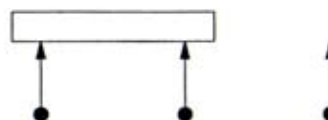
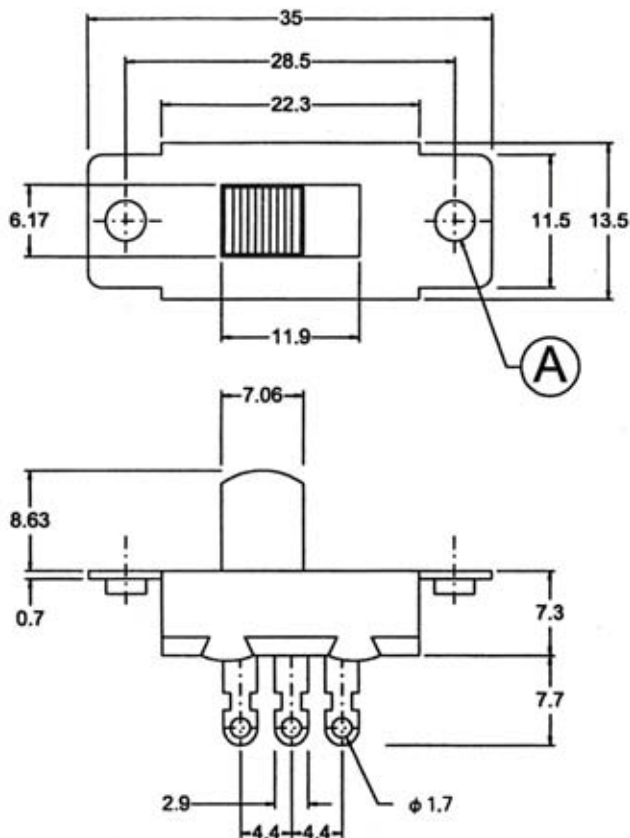
SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: A.C. 125V 10A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 650 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.



MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

ORDERING INFORMATION:

P/N S W S 0 3 - $\frac{x P x T R x X}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"R" TYPE R
3. HOLE TYPE:
"M3" M3x0.5 THREADED TAP
"00" φ3.5MM THROUGH HOLE

SLIDE SWITCHES SOLDER TYPES (2)

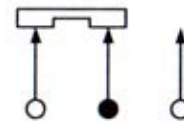
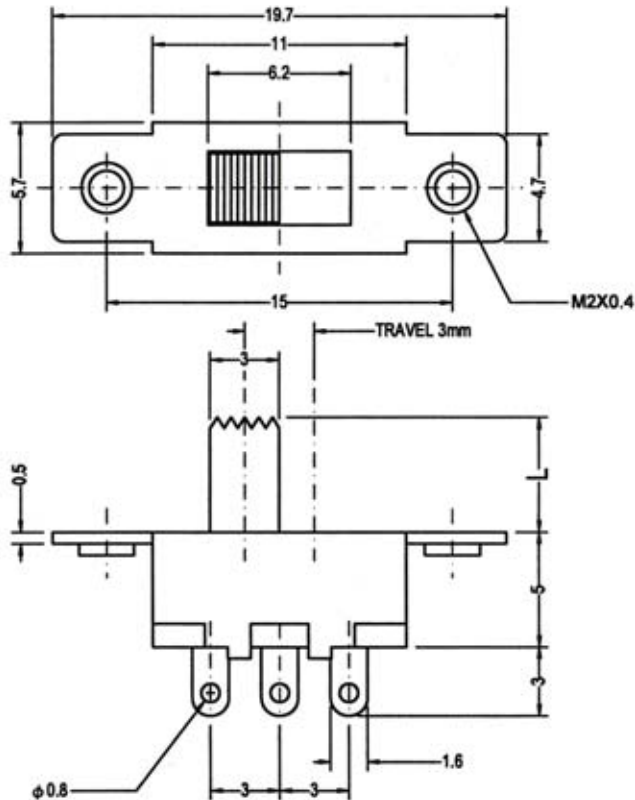


SPECIFICATIONS

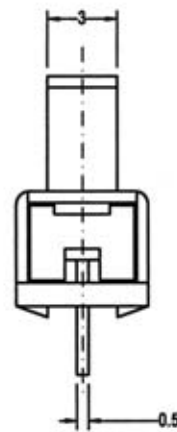
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 0 4 - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{x}{3}$ x x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (3)



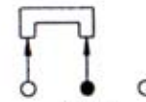
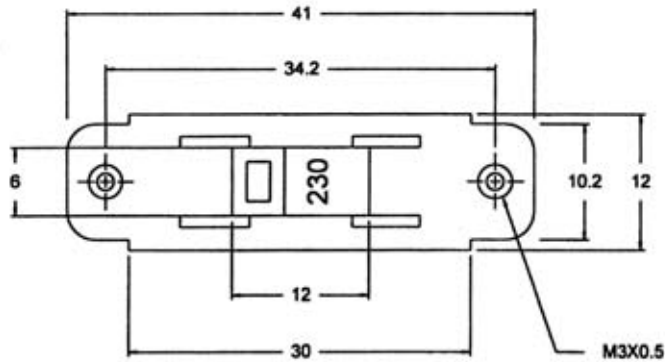
SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: A.C. 250V 10A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 400 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

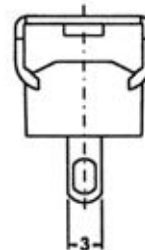
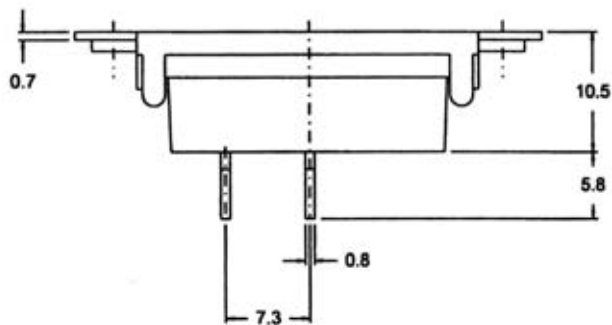


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 0 6 - $\frac{x P x T 0 0 0}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-OFF
2. KNOB TYPE:
"0" AS SHOWN ON DRAWING
3. KNOB LENGTH (L IN MM):
00

SLIDE SWITCHES SOLDER TYPES (4)

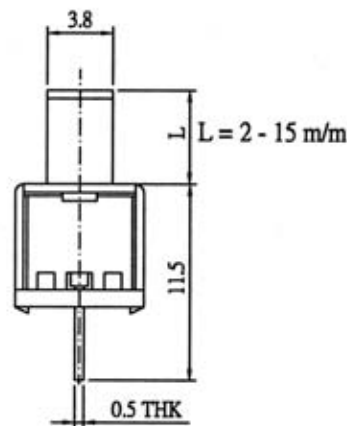
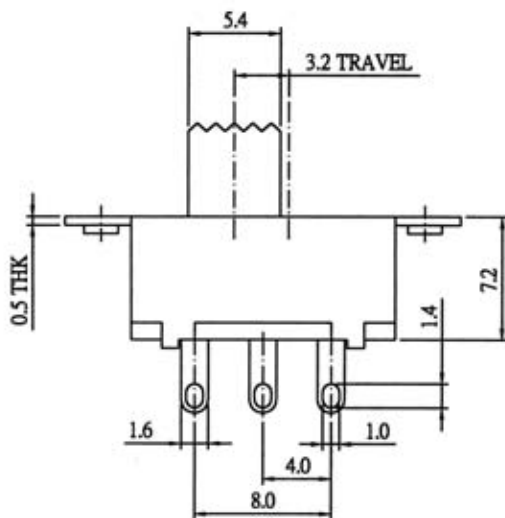
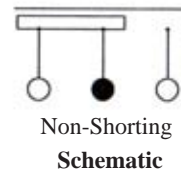
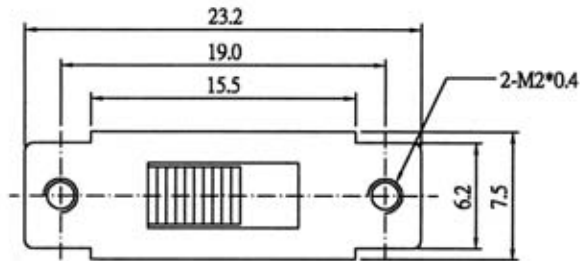


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



ORDERING INFORMATION:

P/N S W S 0 8 - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (5)

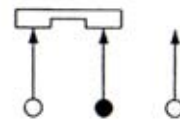
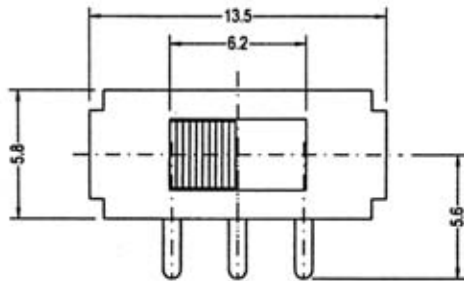


SPECIFICATIONS

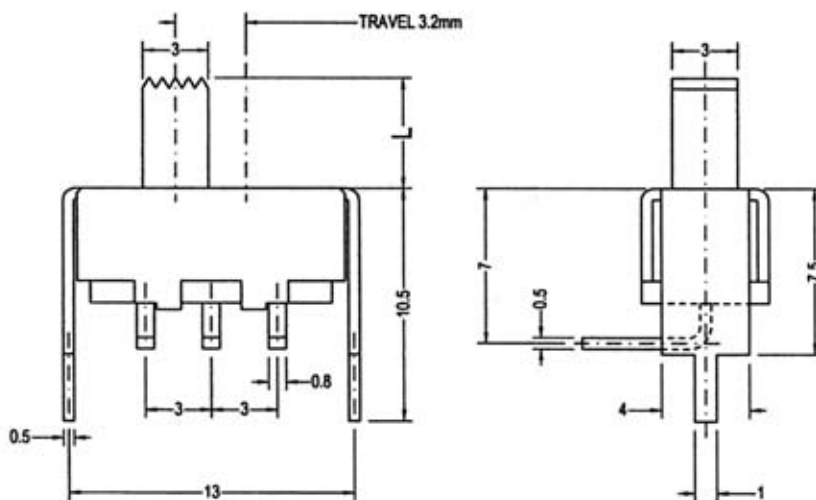
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



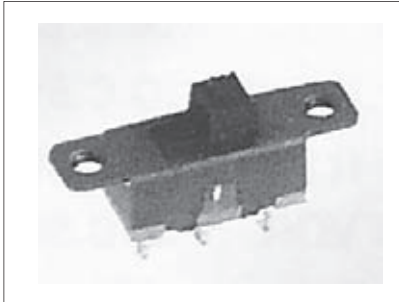
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 0 9 - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (6)

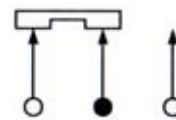
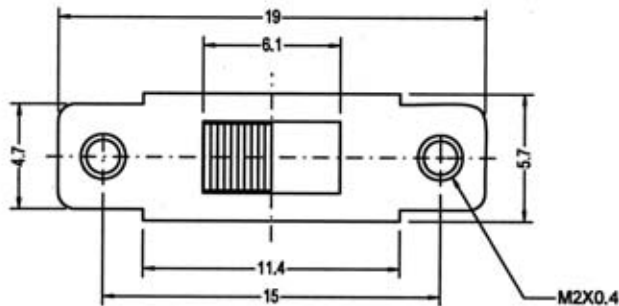


SPECIFICATIONS

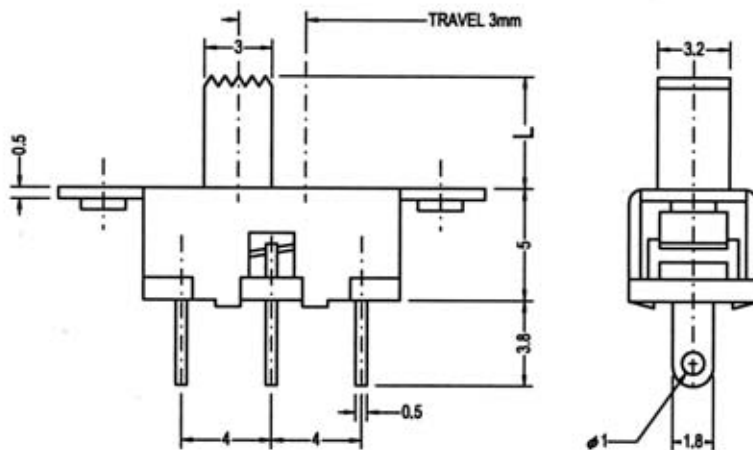
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 0 - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (7)

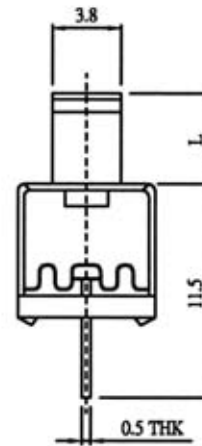
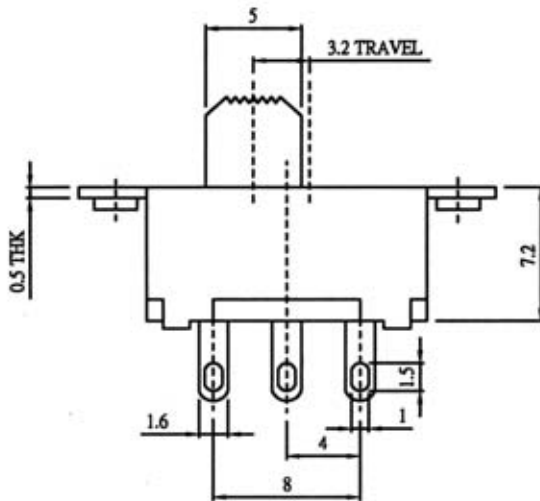
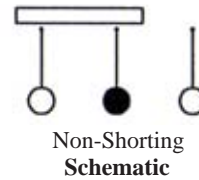
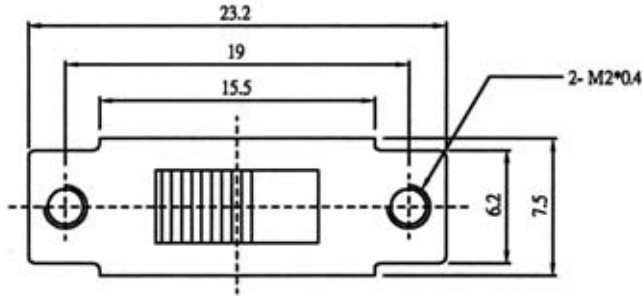


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



ORDERING INFORMATION:

P/N S W S 1 1 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (8)

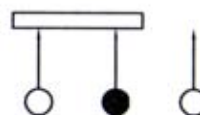
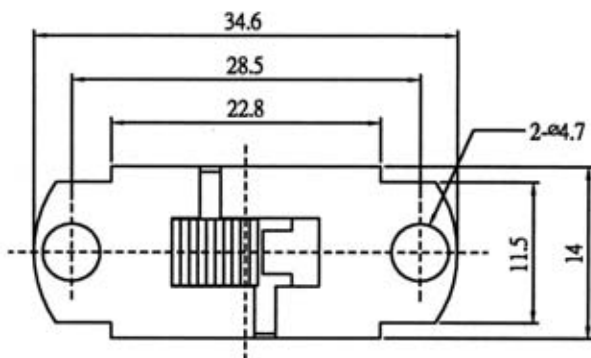


SPECIFICATIONS

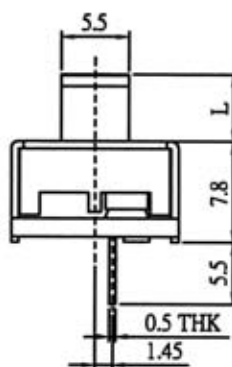
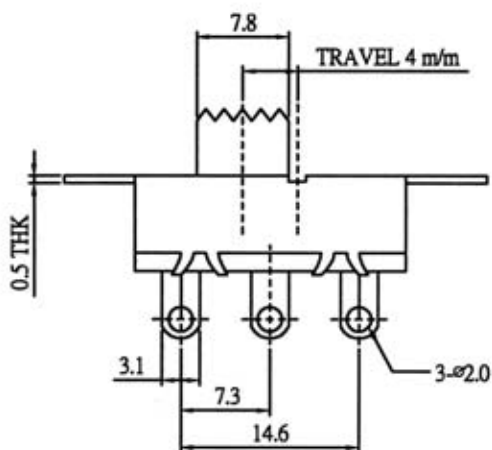
Circuit: ON-ON (1P2T)
Rating: A.C. 250V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 350 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Non-Shorting Schematic

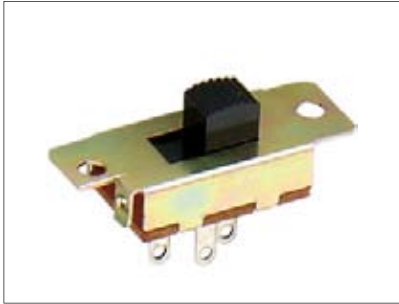


ORDERING INFORMATION:

P/N S W S 1 2 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (9)

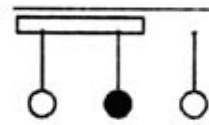
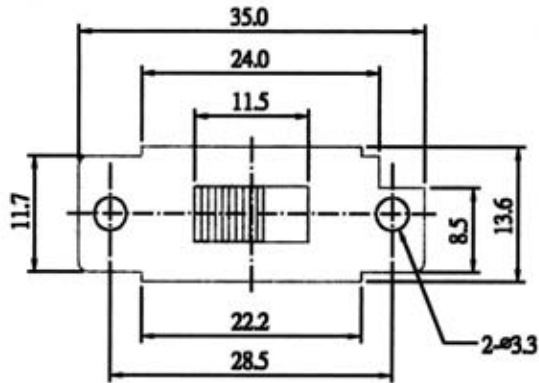


SPECIFICATIONS

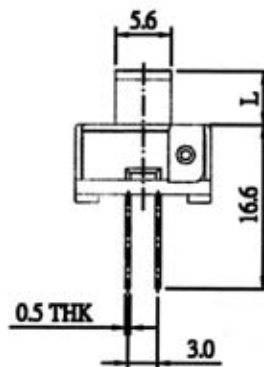
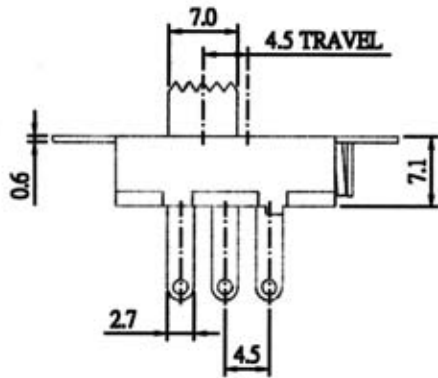
Circuit: ON-ON (1P2T)
Rating: A.C. 250V 1.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Non-Shorting
Schematic



※ spring return
 L = 2 - 15 m/m

ORDERING INFORMATION:

P/N S W S 1 3 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (10)



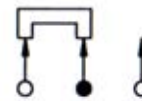
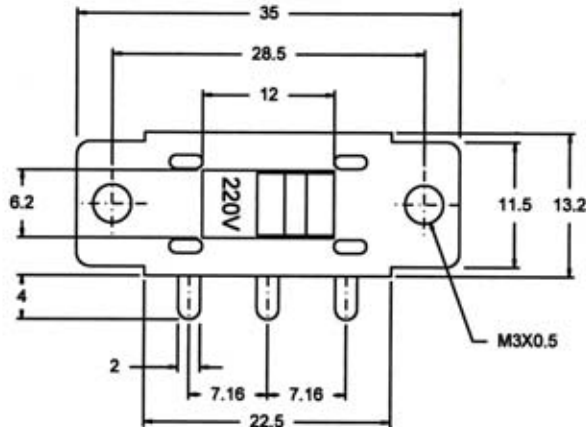
SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: A.C. 125V 6A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 500 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

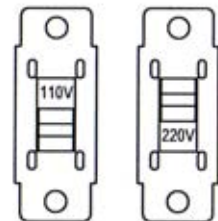
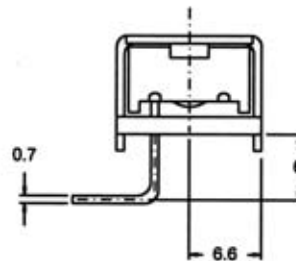
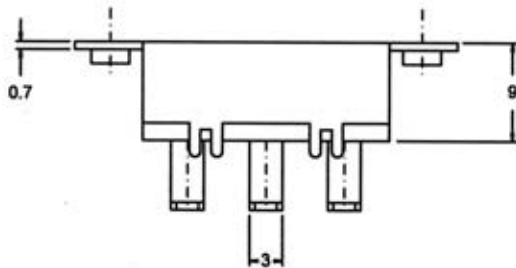


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 3 G - $\frac{x P x T 0 x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"0" AS SHOWN ON DRAWING
3. KNOB LENGTH (L IN MM):
00

SLIDE SWITCHES SOLDER TYPES (11)



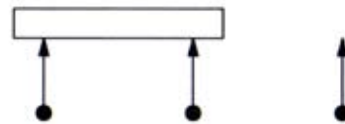
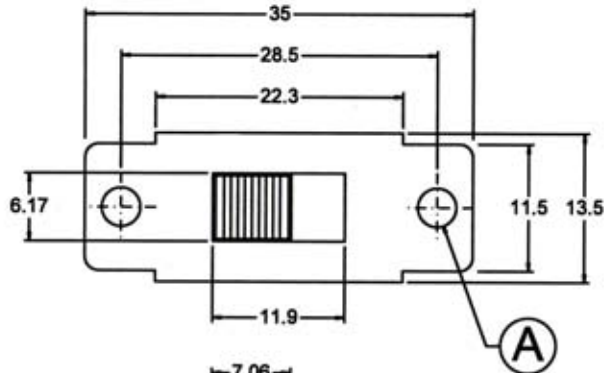
SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: A.C. 125V 10A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 650 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

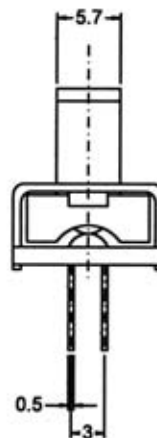
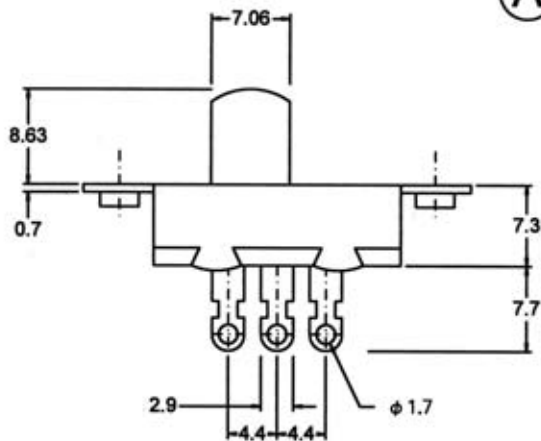


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

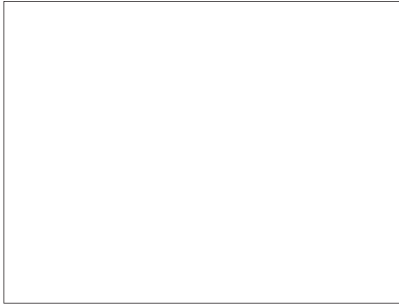


ORDERING INFORMATION:

P/N S W S 3 E - $\frac{x P x T R x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"R" TYPE R
3. HOLE TYPE:
"M3" M3x0.5 THREADED TAP
"00" ϕ 3.5MM THROUGH HOLE

SLIDE SWITCHES SOLDER TYPES (12)

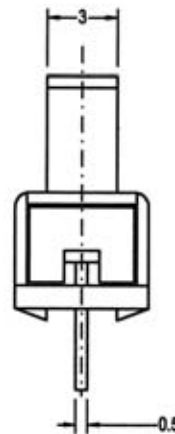
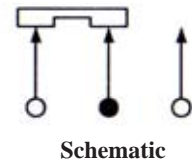
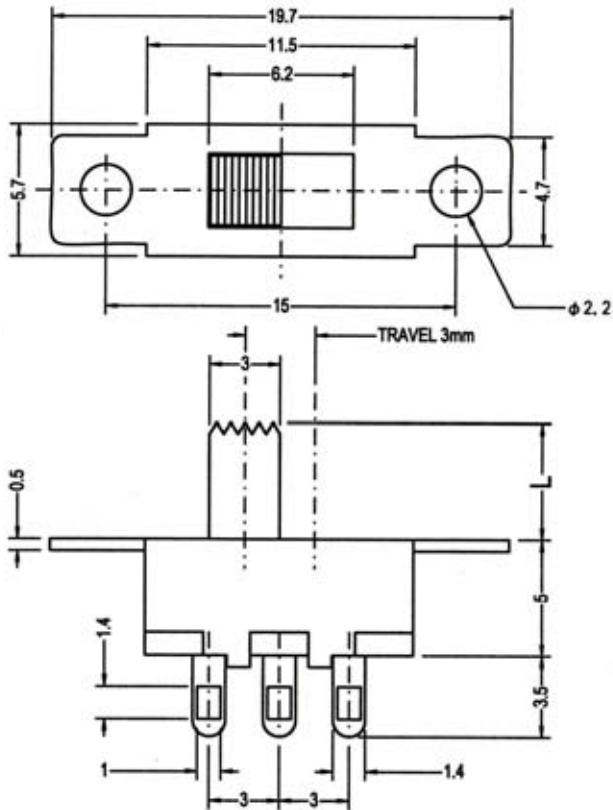


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



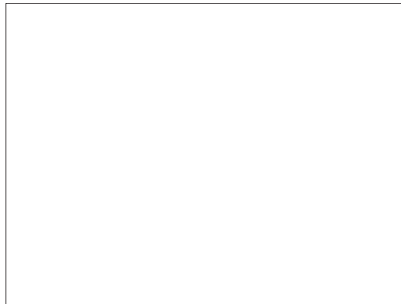
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 A - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (13)



SPECIFICATIONS

Circuit: ON-OFF-ON (1P3T)

Rating: A.C. 250V 1A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Non-Shorting

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black

Frame: Steel Strip, Ni Plated or Zn Plated

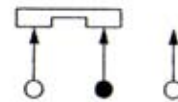
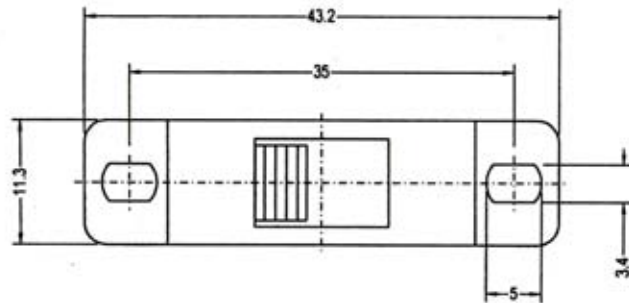
Terminal Base: Phenolic Resin

Terminal: Brass Strip, Ag Plated Over Ni Plated

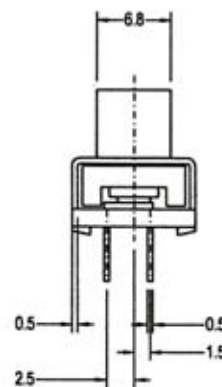
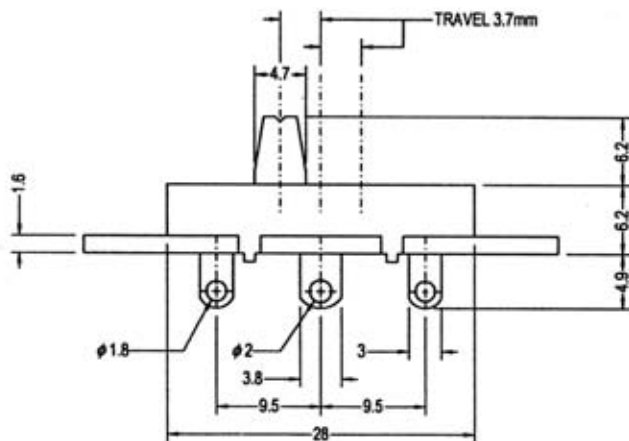
Contact: Brass Strip, Ag Plated

Spring: Steel Wire, Tempered

Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 2 9 - x P x T V 6 B
1 2 3

1. SWITCHING ACTION:
"1P3T" ON-OFF-ON
2. KNOB TYPE:
"V" TYPE V
3. KNOB LENGTH (L IN MM):
"6B" 6.2MM

SLIDE SWITCHES SOLDER TYPES (14)



SPECIFICATIONS

Circuit: ON-ON-ON (1P3T)

Rating: A.C. 125V 10A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 1,000V 1minute

Operating force: 650 ± 200g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.



MATERIALS

Knob: POM, Black

Frame: Steel Strip, Ni Plated or Zn Plated

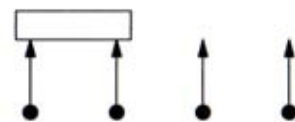
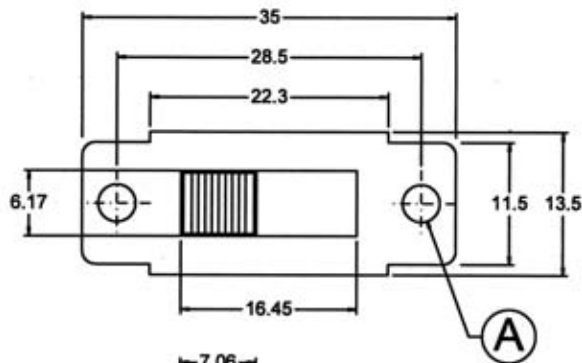
Terminal Base: Phenolic Resin

Terminal: Brass Strip, Ag Plated Over Ni Plated

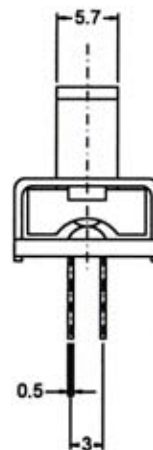
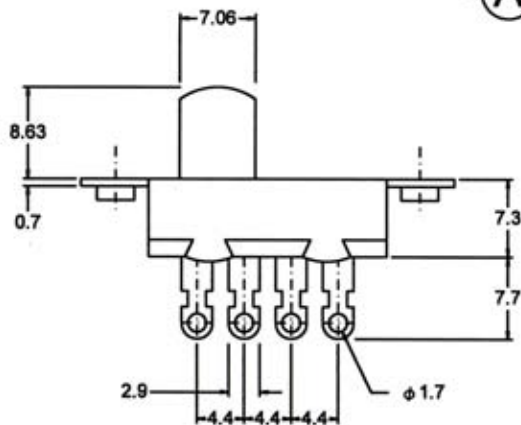
Contact: Brass Strip, Ag Plated

Spring: Steel Wire, Tempered

Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 3 F - $\frac{x P x T R x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:

"1P3T" ON-ON-ON

2. KNOB TYPE:

"R" TYPE R

3. HOLE TYPE:

"M3" M3x0.5 THREADED TAP

"00" Ø3.5MM THROUGH HOLE

SLIDE SWITCHES SOLDER TYPES (15)



SPECIFICATIONS

Circuit: ON-ON-ON-ON (1P4T)

Rating: A.C. 250V 3A
A.C. 125V 6A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 1,000V 1minute

Operating force: 500 ± 200g

All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black

Frame: Steel Strip, Ni Plated or Zn Plated

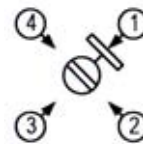
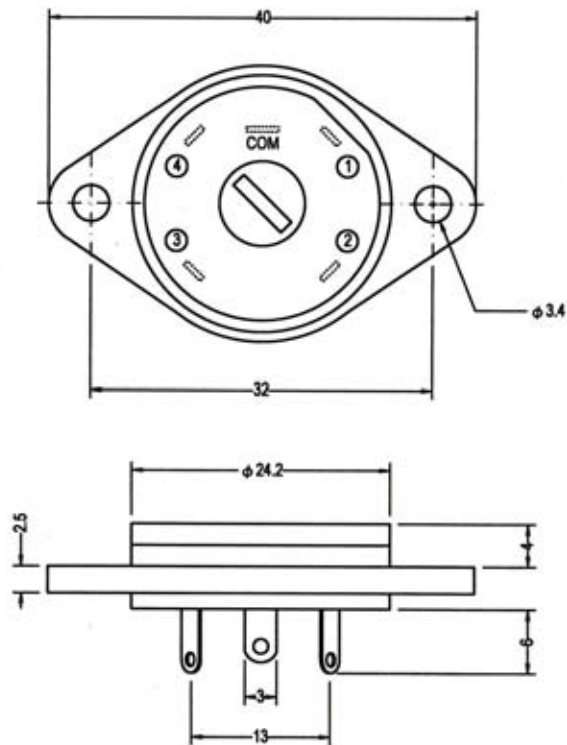
Terminal Base: Phenolic Resin

Terminal: Brass Strip, Ag Plated Over Ni Plated

Contact: Brass Strip, Ag Plated

Spring: Steel Wire, Tempered

Unit: mm



Schematic



ORDERING INFORMATION:

P/N SWS3J - $\frac{xPxT0x}{1\ 2\ 3}$

1. SWITCHING ACTION:
"1P4T" ON-ON-ON-ON
2. KNOB TYPE:
"0" AS SHOWN ON DRAWING
3. PRINT OF VOLTAGES:
A, C, D

SLIDE SWITCHES SOLDER TYPES (16)



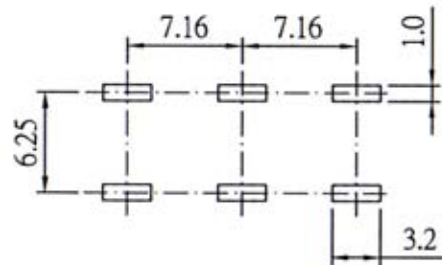
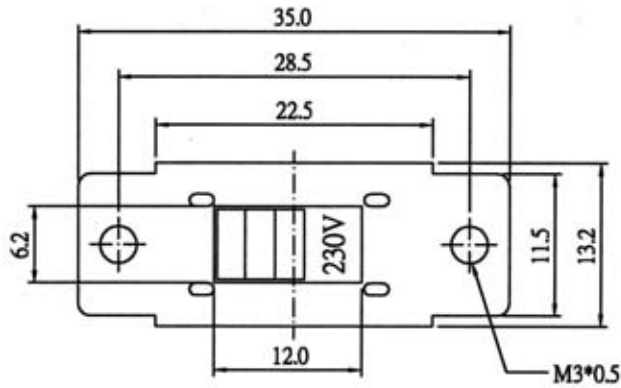
SPECIFICATIONS

Circuit: ON-ON (2P2T)
Rating: A.C. 125V 6A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 500 ± 200gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

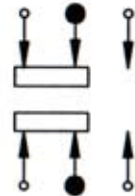
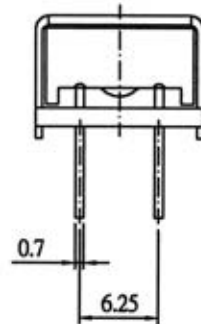
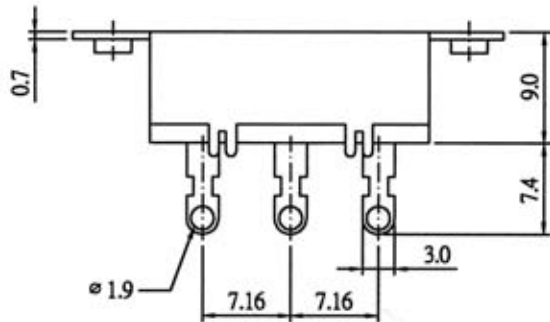


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 0 5 - $\frac{x P x T}{1} \frac{x x}{2 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"0" AS SHOWN ON DRAWING
3. PRINT OF VOLTAGES:
"A" 110V/220V
"B" 115V/230V
"C" 120V/220V

SLIDE SWITCHES SOLDER TYPES (17)



SPECIFICATIONS

Circuit: ON-ON (2P2T)

Rating: 12A 125/250VAC

Contact R.[max]: D.C. 5V 1A 30mΩ

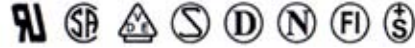
Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 1,000V 1minute

Operating force: 400 ± 200gf

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.



MATERIALS

Knob: POM, Black

Frame: Steel Strip, Ni Plated or Zn Plated

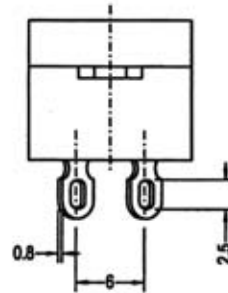
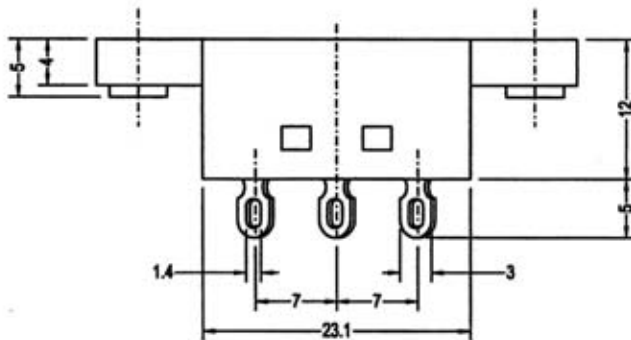
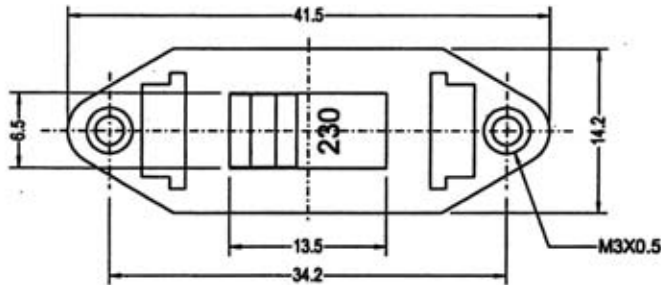
Terminal Base: Phenolic Resin

Terminal: Brass Strip, Ag Plated Over Ni Plated

Contact: Brass Strip, Ag Plated

Spring: Steel Wire, Tempered

Unit: mm



ORDERING INFORMATION:

P/N S W S 0 7 - $\frac{x P x T 0 x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"0" AS SHOWN ON DRAWING
3. PRINT OF VOLTAGES:
"B" 115V/230V

SLIDE SWITCHES SOLDER TYPES (18)

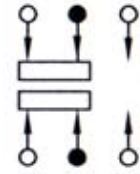
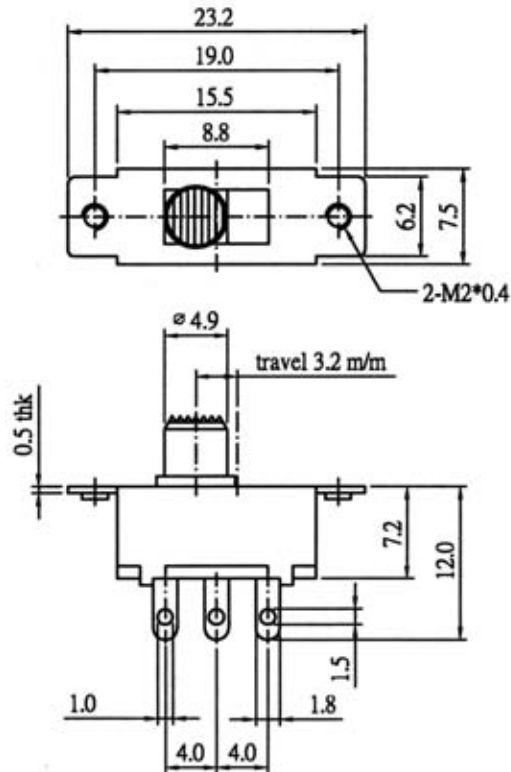


SPECIFICATIONS

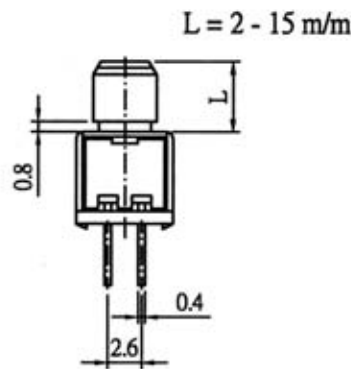
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Non-Shorting
Schematic

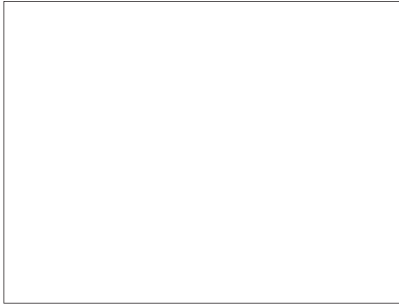


ORDERING INFORMATION:

P/N S W S 1 4 - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (19)

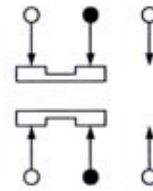
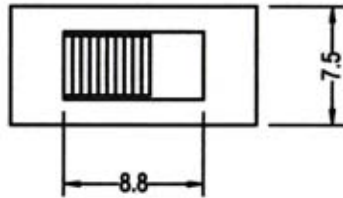


SPECIFICATIONS

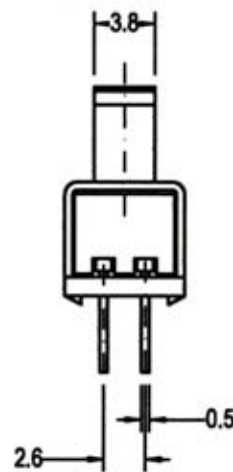
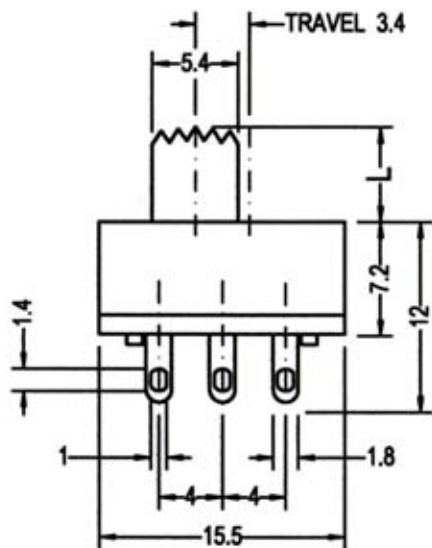
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 1 5 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (20)

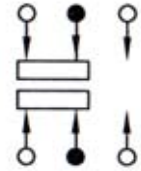
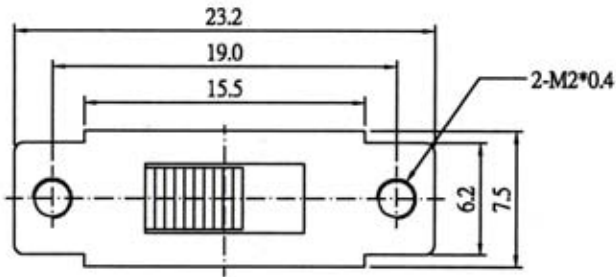


SPECIFICATIONS

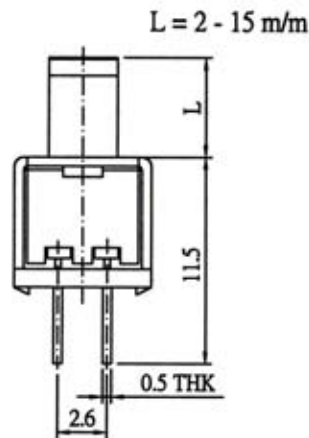
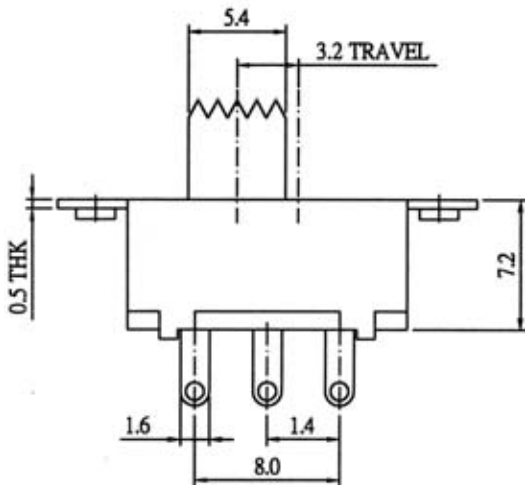
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Non-Shorting
Schematic



ORDERING INFORMATION:

P/N S W S 1 6 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (21)



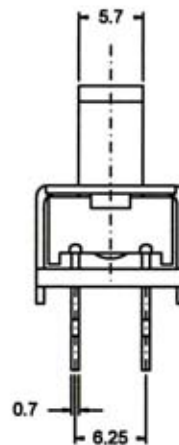
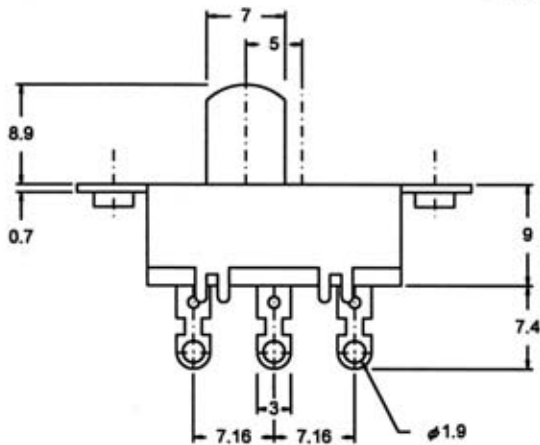
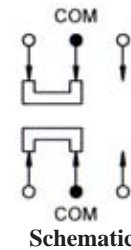
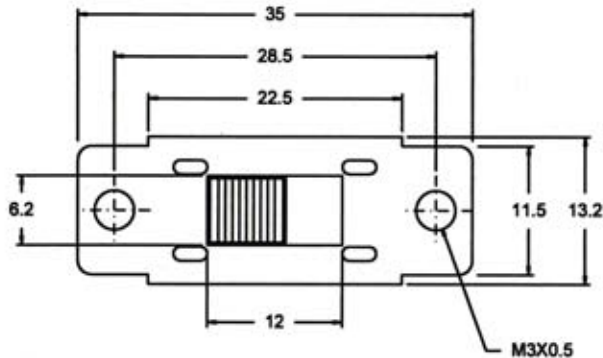
SPECIFICATIONS

Circuit: ON-ON (2P2T)
Rating: A.C. 125V 6A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Operating force: 500 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.



MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm

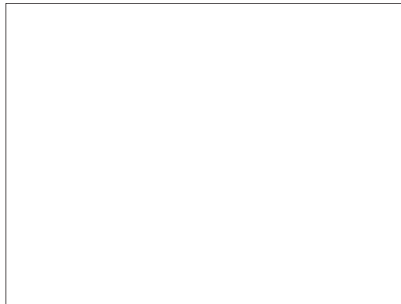


ORDERING INFORMATION:

P/N S W S 3 H - $\frac{x P x T R x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"R" TYPE R
3. KNOB LENGTH (L IN MM):
"8J" L=8.9MM

SLIDE SWITCHES SOLDER TYPES (22)

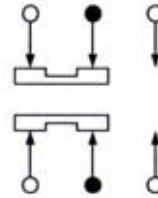
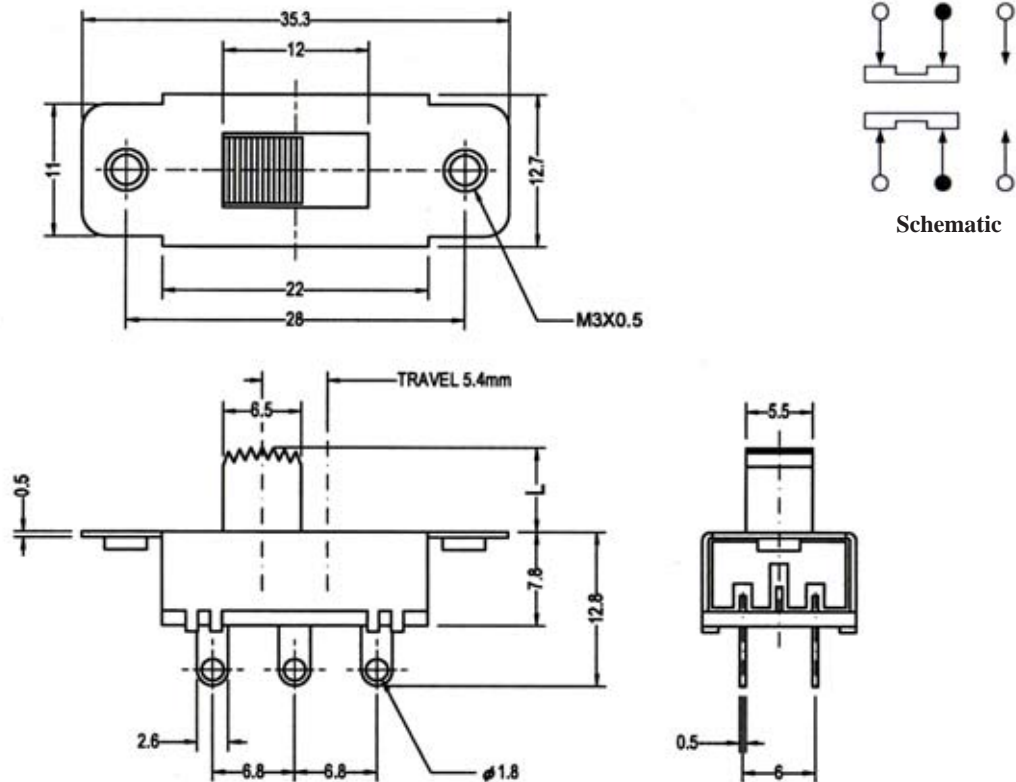


SPECIFICATIONS

Circuit: ON-ON (2P2T)
Rating: A.C. 250V 1.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

ORDERING INFORMATION:

P/N S W S 3 B - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ x x

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (23)

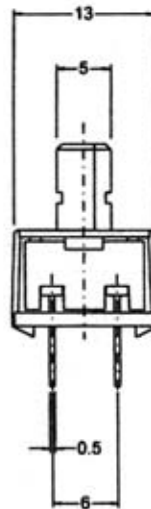
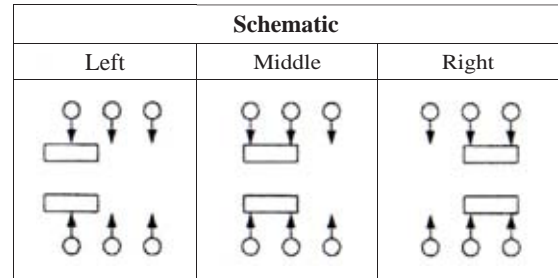
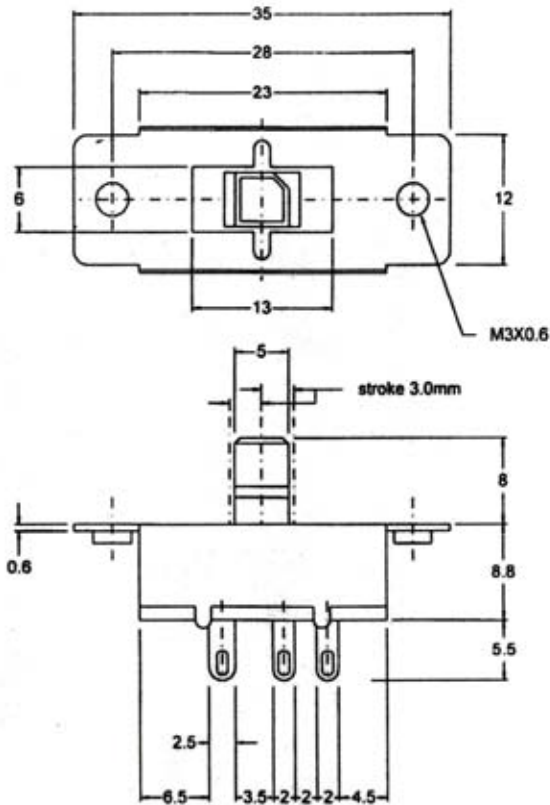


SPECIFICATIONS

Circuit: OFF-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



ORDERING INFORMATION:

P/N S W S 0 1 - $\frac{x P x T F x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" OFF-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"08" 8.0MM

SLIDE SWITCHES SOLDER TYPES (24)

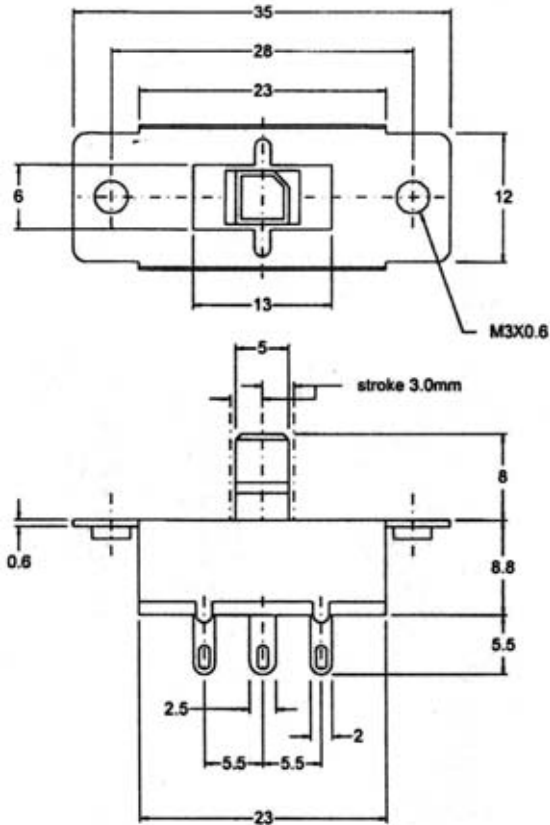


SPECIFICATIONS

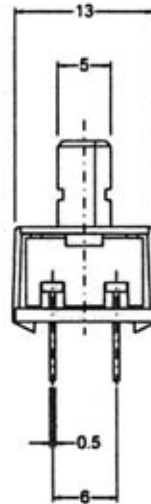
Circuit: ON-OFF-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic		
Left	Middle	Right



ORDERING INFORMATION:

P/N S W S 0 2 - $\frac{x P x T F x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-OFF-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"08" 8.0MM

SLIDE SWITCHES SOLDER TYPES (25)

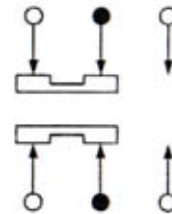
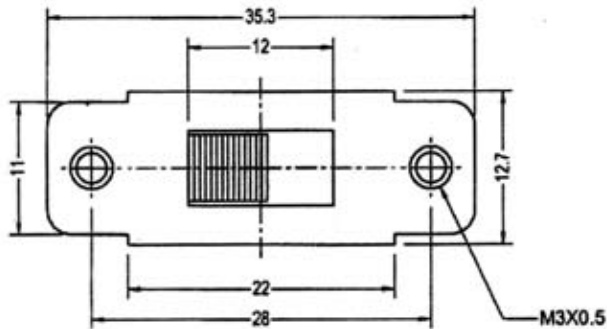


SPECIFICATIONS

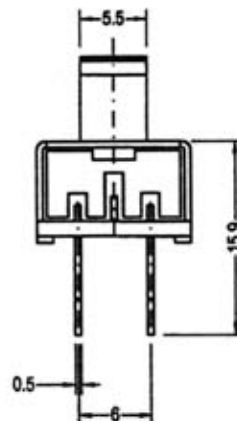
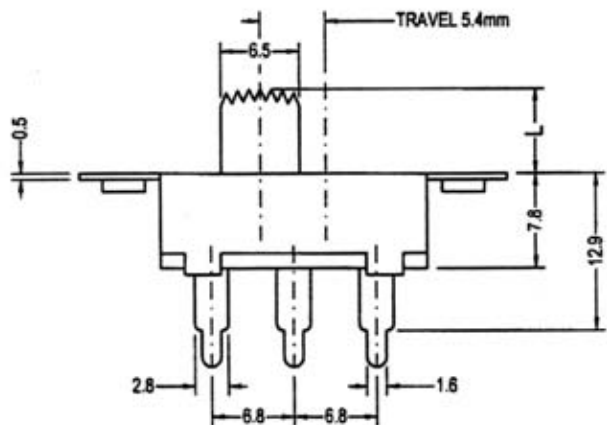
Circuit: ON-OFF-ON (2P3T)
Rating: A.C. 125V 10A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1,000V 1minute
Timing: Non-Shorting
Operating force: 650 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 1 7 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-OFF-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (26)

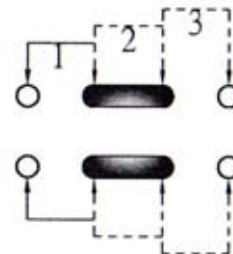
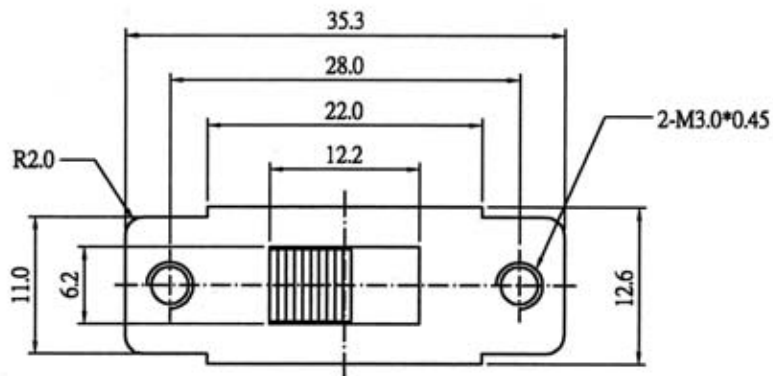


SPECIFICATIONS

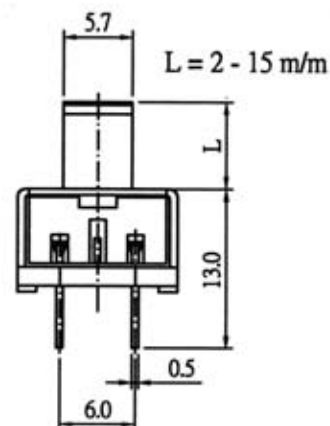
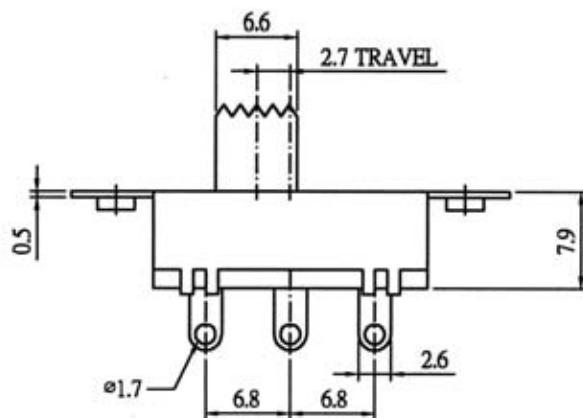
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 250V 1.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 400 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

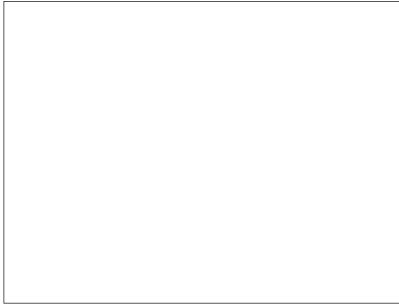


ORDERING INFORMATION:

P/N S W S 1 8 - $\frac{x}{1} P \times \frac{T}{2} G \frac{x}{3} x$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (27)

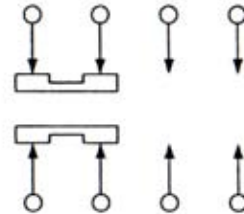
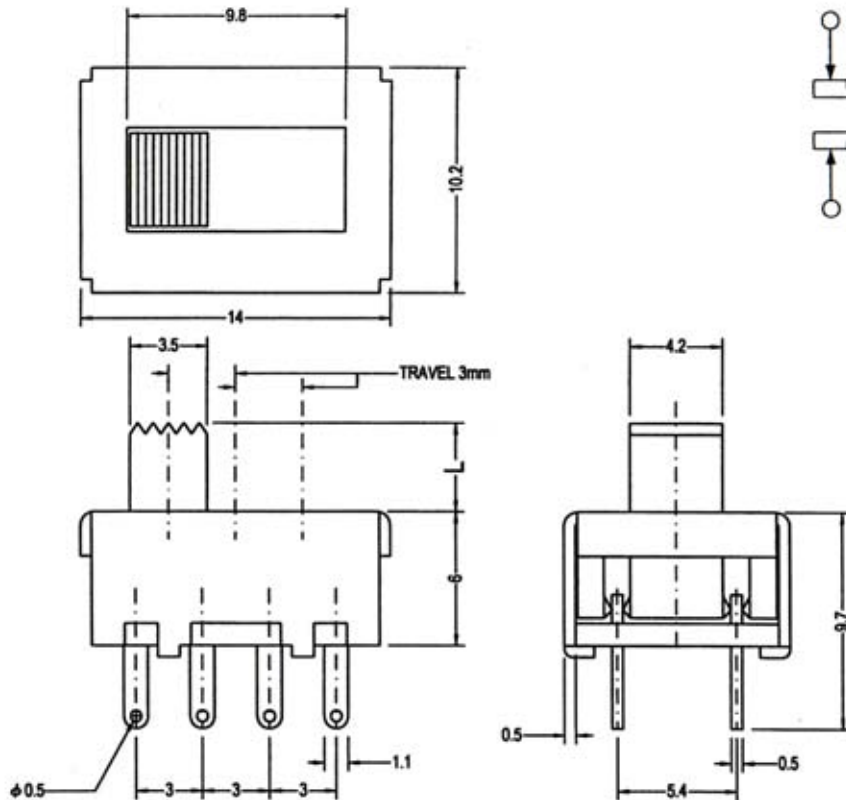


SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

ORDERING INFORMATION:

P/N S W S 1 9 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (28)

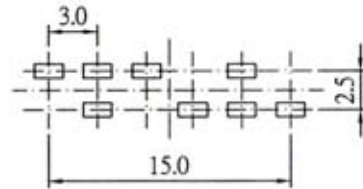
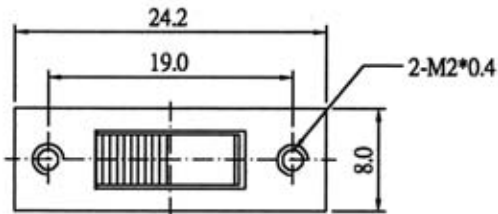


SPECIFICATIONS

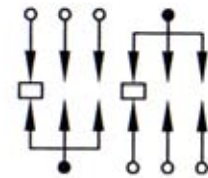
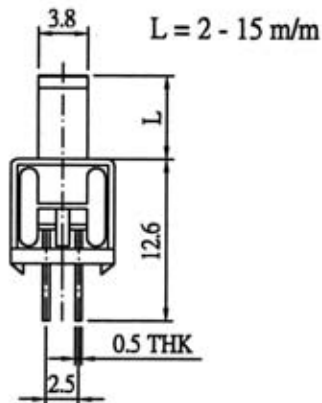
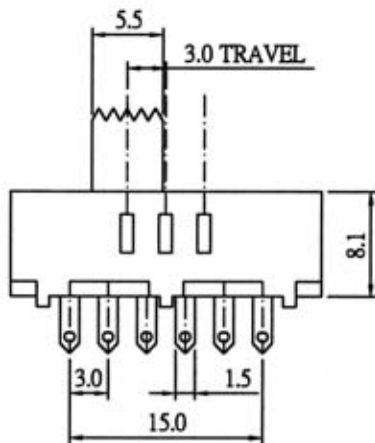
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



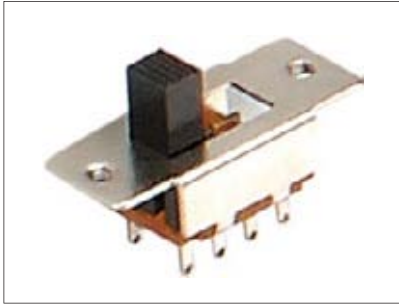
Schematic

ORDERING INFORMATION:

P/N S W S 2 0 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (29)

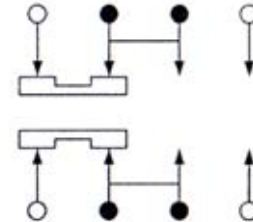
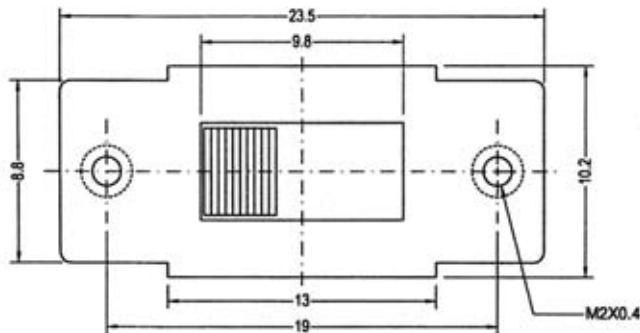


SPECIFICATIONS

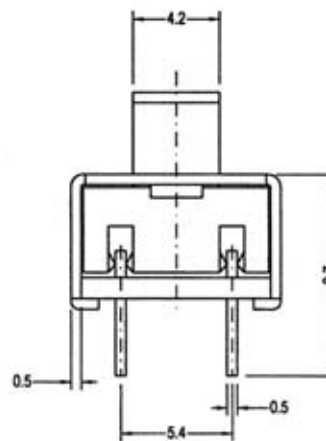
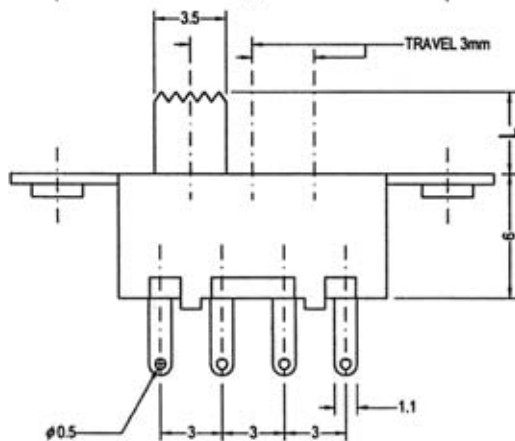
Circuit: ON-OFF-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

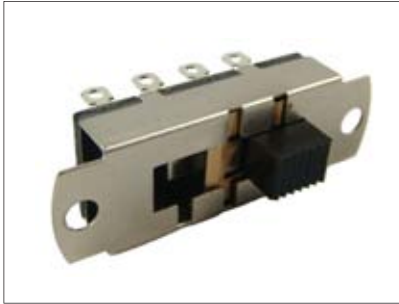


ORDERING INFORMATION:

P/N S W S 2 1 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-OFF-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (30)

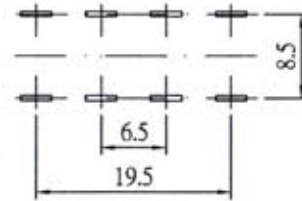
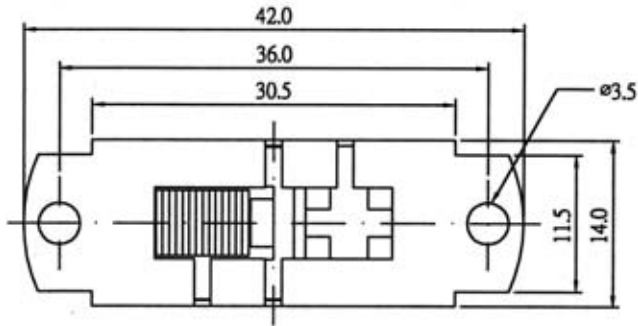


SPECIFICATIONS

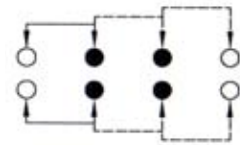
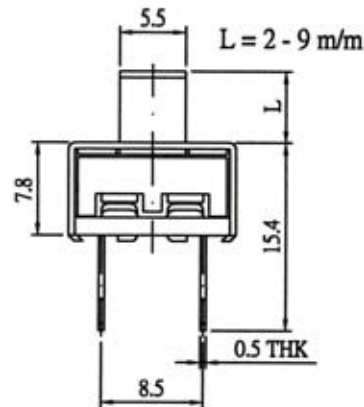
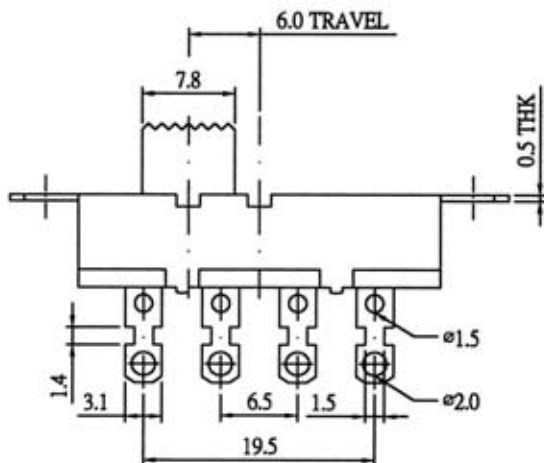
Circuit: ON-ON-ON (2P3T)
Rating: A.C. 250V 3.0A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 150gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated
Contact: Brass Strip, Ag Plated Over Ni Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



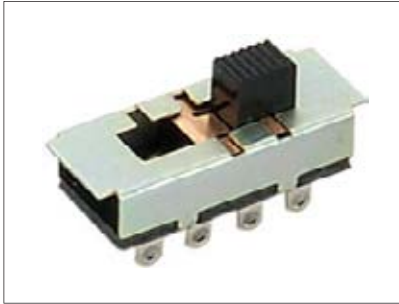
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 2 2 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~09

SLIDE SWITCHES SOLDER TYPES (31)

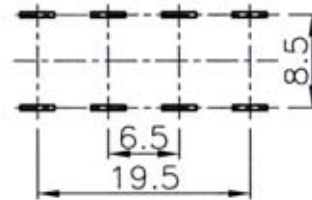
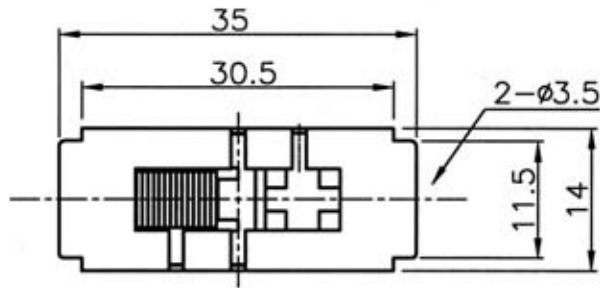


SPECIFICATIONS

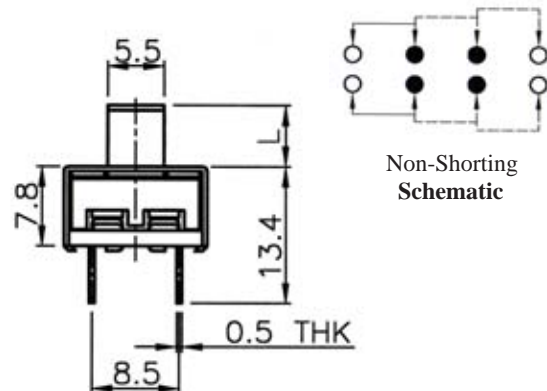
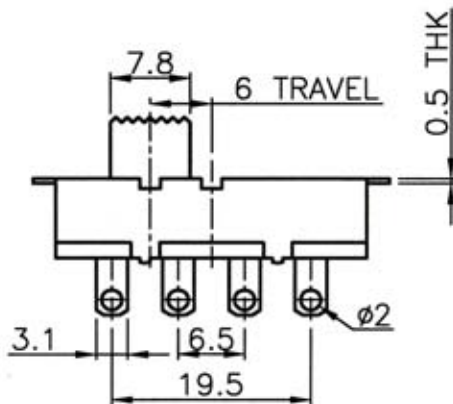
Circuit: ON-ON-ON (2P3T)
Rating: A.C. 250V 3.0A
Contact R.[max]: D.C. 250V 3.0A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 2 3 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

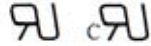
1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (32)



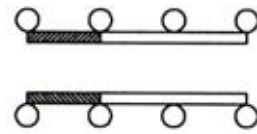
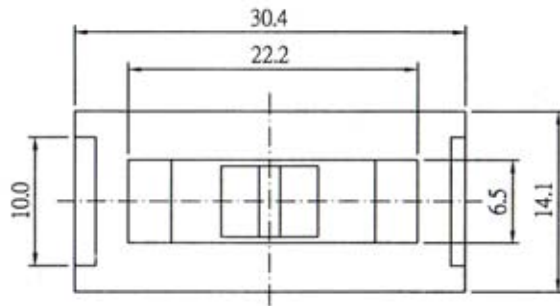
SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)
Rating: A.C. 250V 3.0A
Contact R.[max]: D.C. 250V 3.0A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 400 ± 200gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

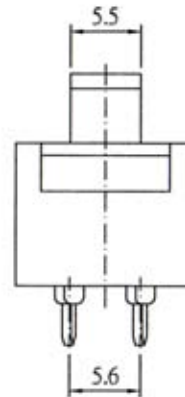
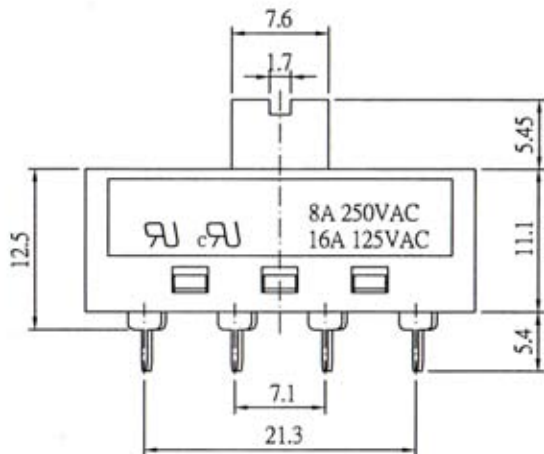


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

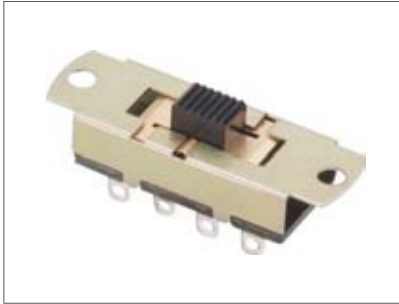


ORDERING INFORMATION:

P/N S W S 2 4 - x P x T F 5 D
1 2 3

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"5D" 5.45MM

SLIDE SWITCHES SOLDER TYPES (33)

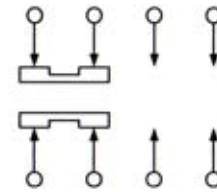
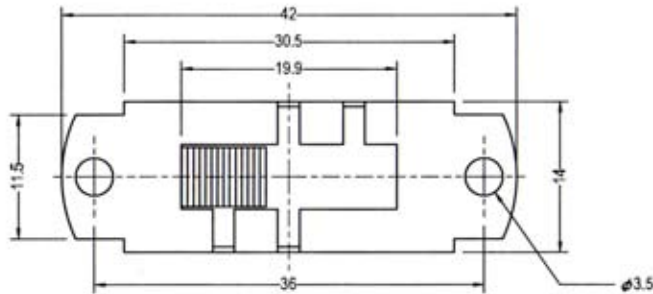


SPECIFICATIONS

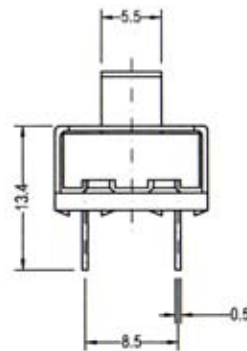
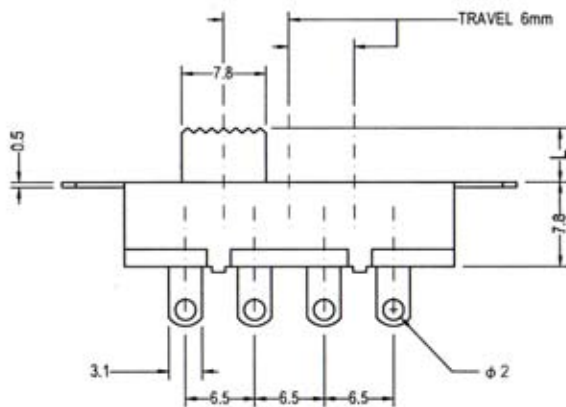
Circuit: ON-ON-ON (2P3T)
Rating: A.C. 250V 3.0A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

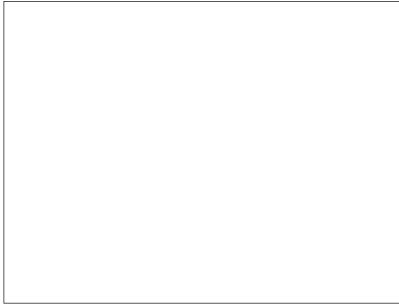


ORDERING INFORMATION:

P/N S W S 3 C - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{x}{x}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (34)

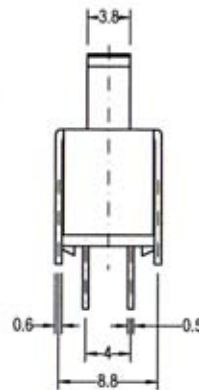
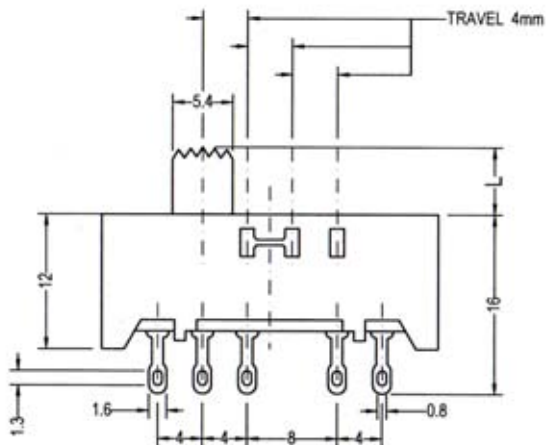
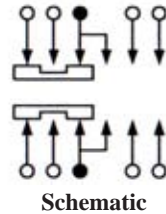
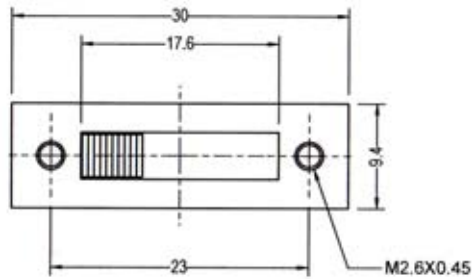


SPECIFICATIONS

Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm

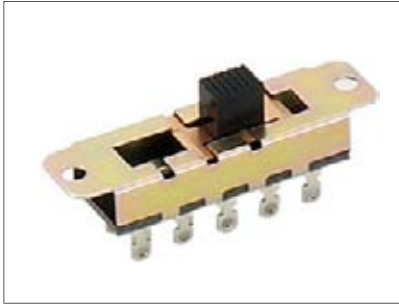


ORDERING INFORMATION:

P/N S W S 3 D - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{x}{x}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (35)

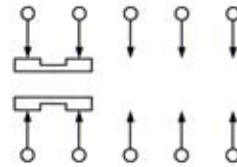
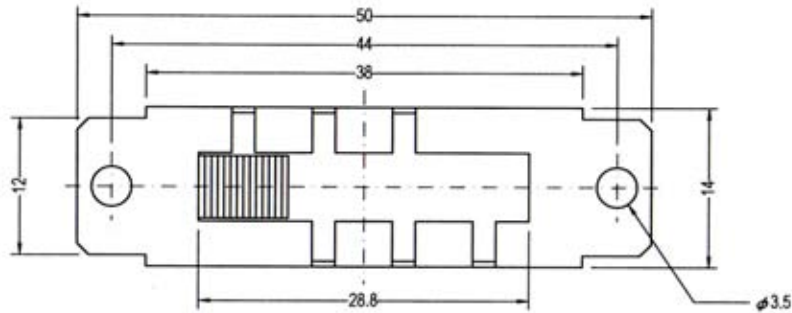


SPECIFICATIONS

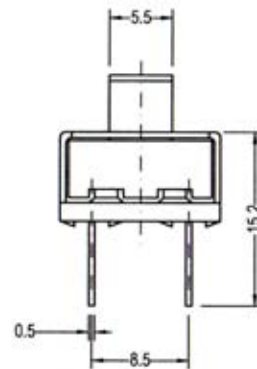
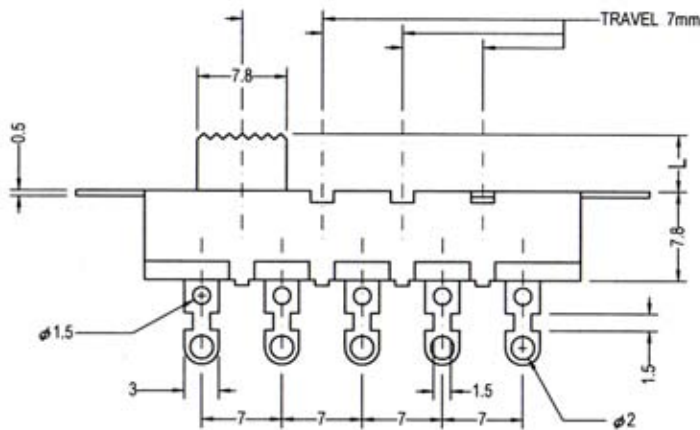
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: N/A
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 2 5 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES SOLDER TYPES (36)



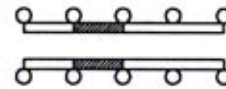
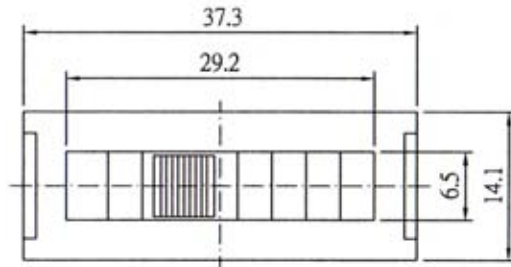
SPECIFICATIONS

Circuit: ON-ON-ON-ON (2P4T)
Rating: A.C. 125V 16A, 250V 8A
Contact R.[max]: D.C. 5V 1A 50mΩ
Insulation R.[min]: D.C. 500V 500MΩ
Withstand VOL.: A.C. 1500V 1minute
Operating force: 700 ± 200g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

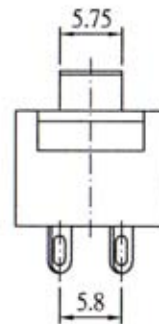
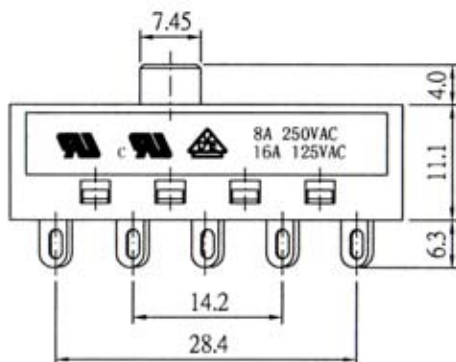


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

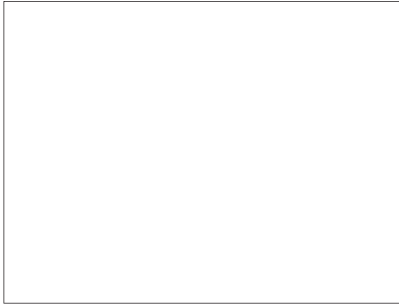


ORDERING INFORMATION:

P/N S W S 2 6 - $\frac{x}{1} P \frac{x}{2} T F \frac{x}{3} x$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"04" 4.0MM

SLIDE SWITCHES SOLDER TYPES (37)



SPECIFICATIONS

Circuit: ON-ON-ON-ON (2P4T)

Rating: A.C. 125V 10A

Contact R.[max]: D.C. 5V 1A 10mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Operating force: 400 ± 100gf

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black

Frame: Steel Strip, Ni Plated or Zn Plated

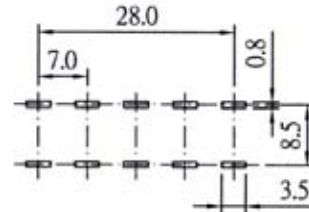
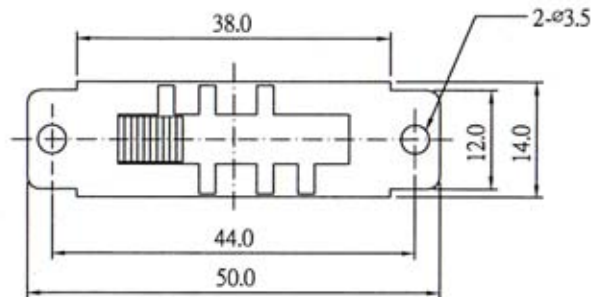
Terminal Base: Phenolic Resin

Terminal: Brass Strip, Ag Plated Over Ni Plated

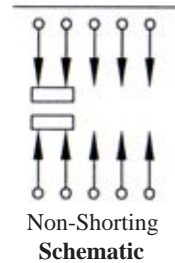
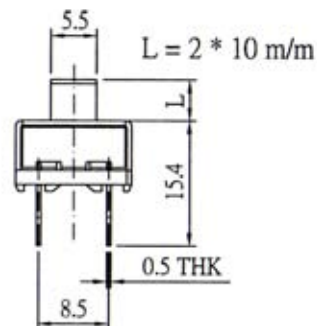
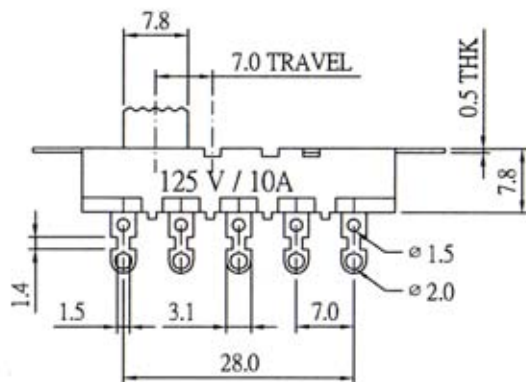
Contact: Brass Strip, Ag Plated

Spring: Steel Wire, Tempered

Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 2 7 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES SOLDER TYPES (38)



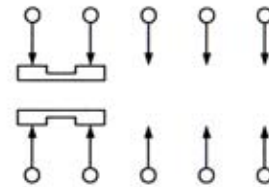
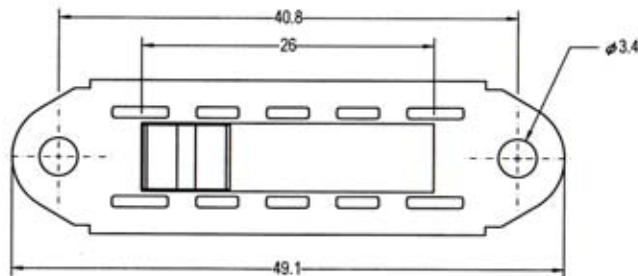
SPECIFICATIONS

Circuit: ON-ON-ON-ON (2P4T)
Rating: 6A 125VAC, 3A 250VAC
Contact R.[max]: D.C. 5V 1A 50mΩ
Insulation R.[min]: D.C. 500V 500MΩ
Withstand VOL.: A.C. 1500V 1minute
Timing: Non-Shorting
Operating force: 500 ± 200g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

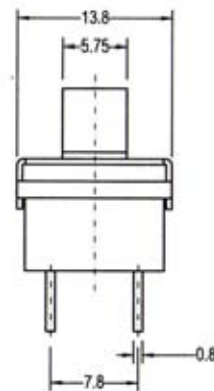
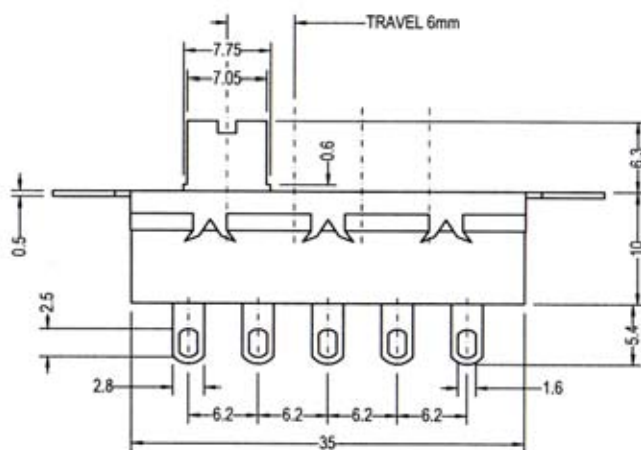


MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic



ORDERING INFORMATION:

P/N S W S 3 K - $\frac{x P x T F x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"6C" L=6.3MM

SLIDE SWITCHES SOLDER TYPES (39)

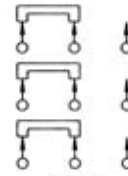
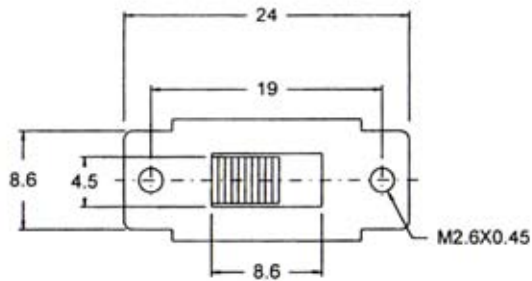


SPECIFICATIONS

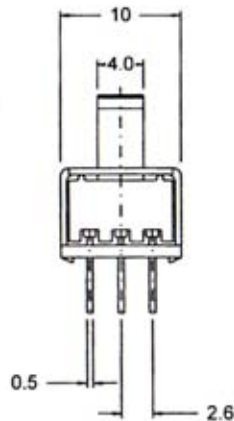
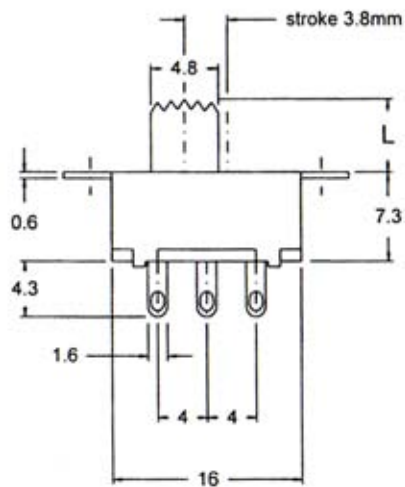
Circuit: ON-ON (3P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Schematic

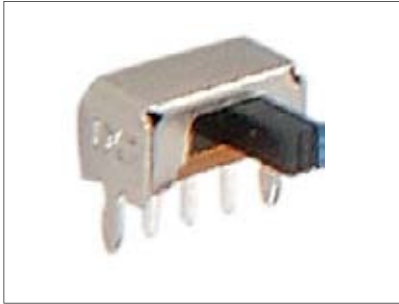


ORDERING INFORMATION:

P/N S W S 2 8 - $\frac{x P x T G}{1 \quad 2 \quad 3} x x$

1. SWITCHING ACTION:
"3P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (1)

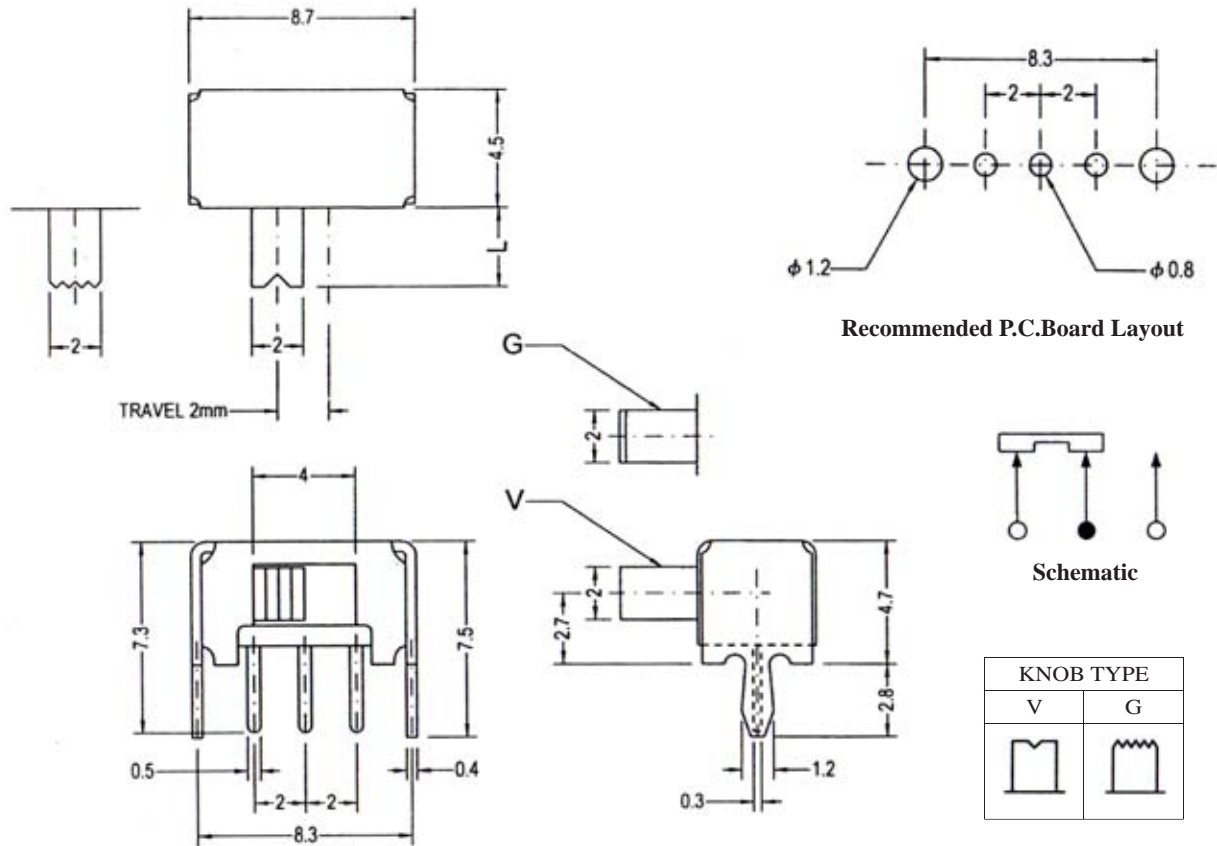


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W S 3 1 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (2)

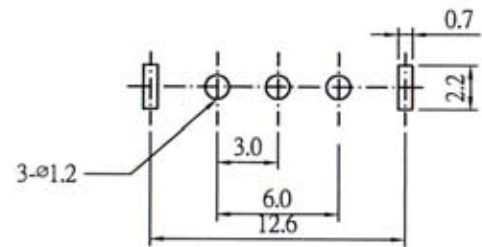
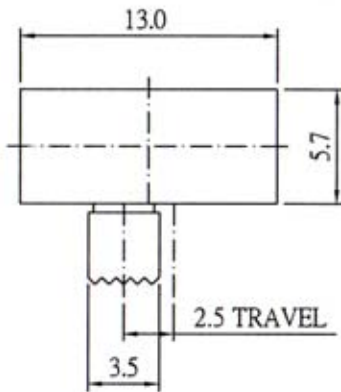


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

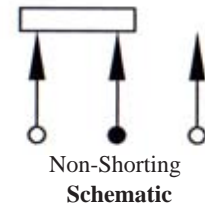
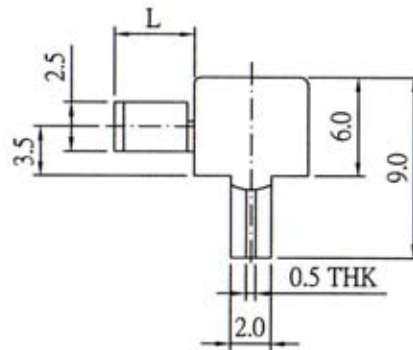
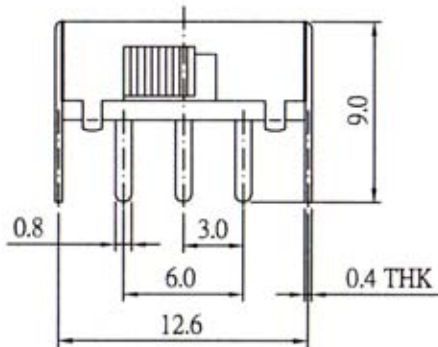
MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

L = 2 - 12 m/m



ORDERING INFORMATION:

P/N S W S 3 2 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~12

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (3)

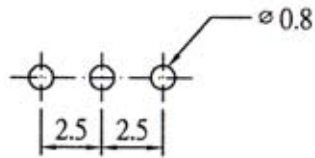
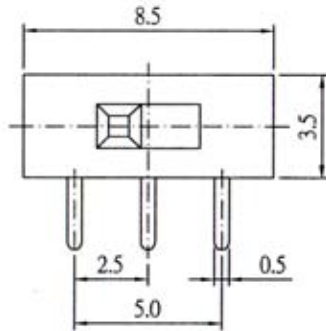


SPECIFICATIONS

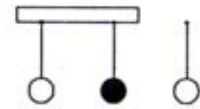
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

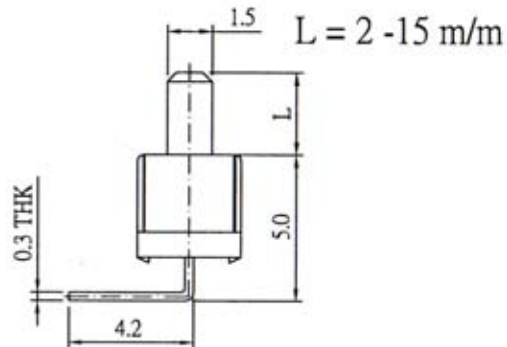
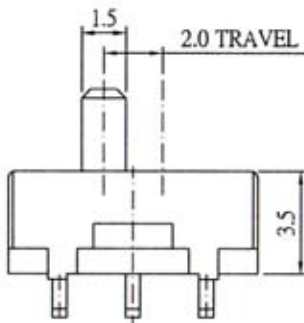
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic



ORDERING INFORMATION:

P/N S W S 6 4 - $\frac{x}{1} P \frac{x}{2} T R \frac{x}{3} x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"R" TYPE R
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (4)

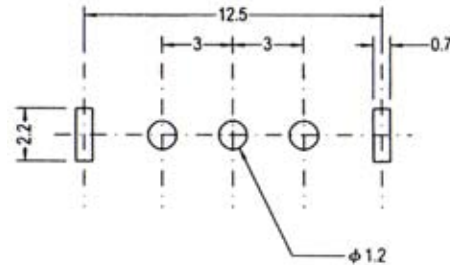
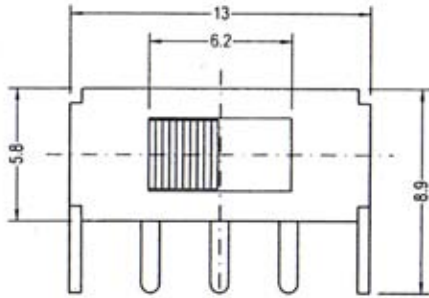


SPECIFICATIONS

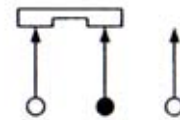
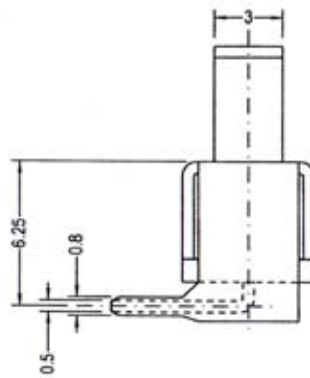
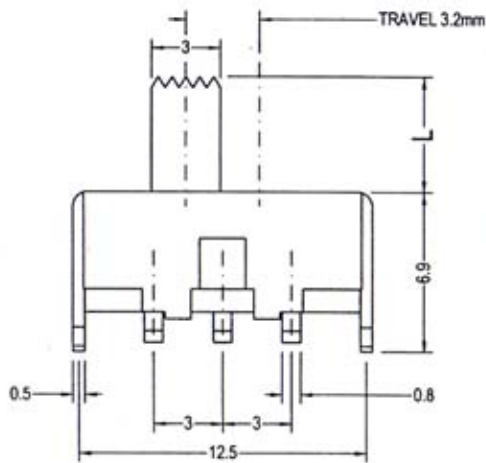
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 6 5 - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} x x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (5)

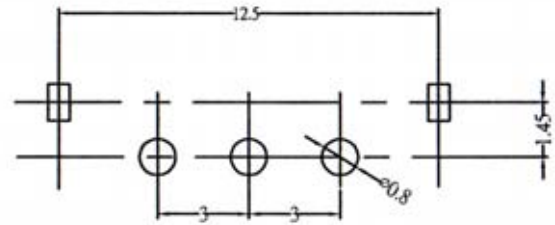
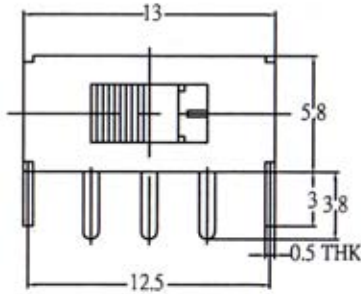


SPECIFICATIONS

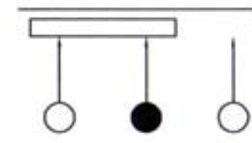
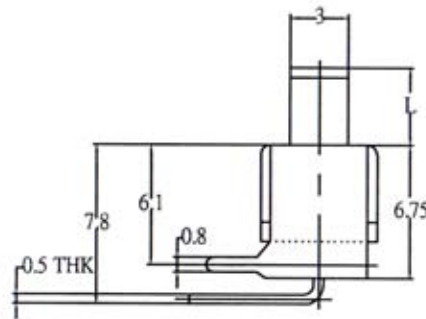
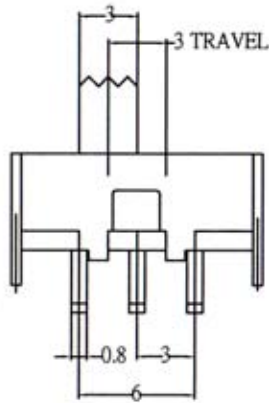
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 6 6 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (6)

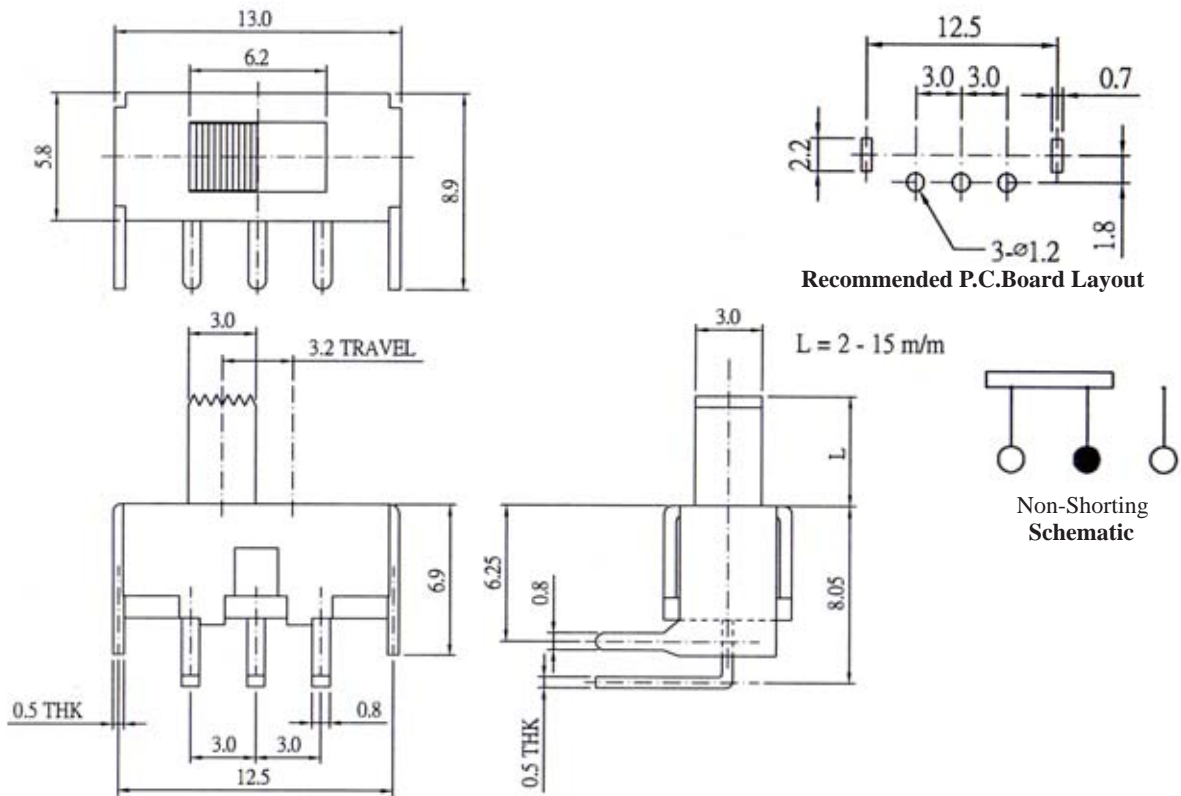


SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W S 6 7 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (7)

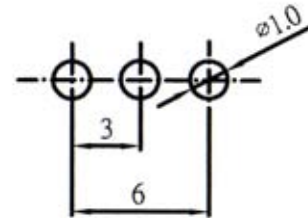
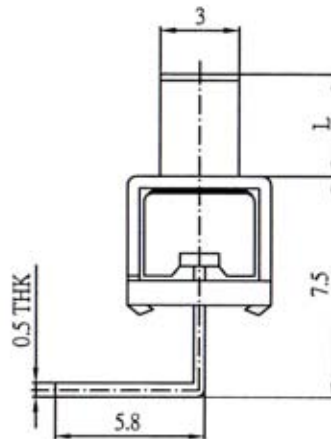
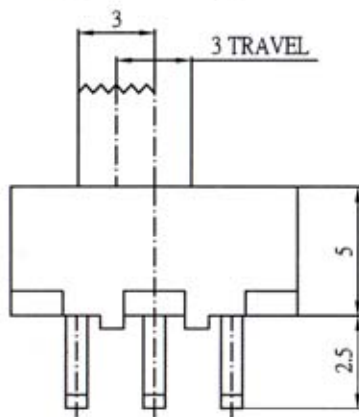
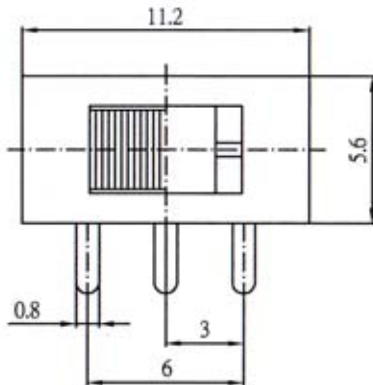


SPECIFICATIONS

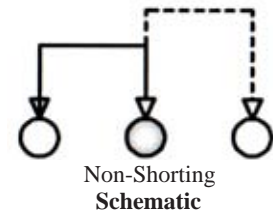
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100mΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

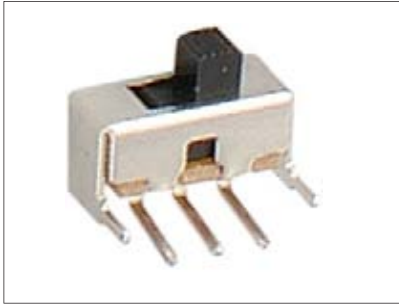


ORDERING INFORMATION:

P/N S W S 6 8 - $\frac{x}{1} P \times \frac{T}{2} G \frac{x}{3} x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (8)

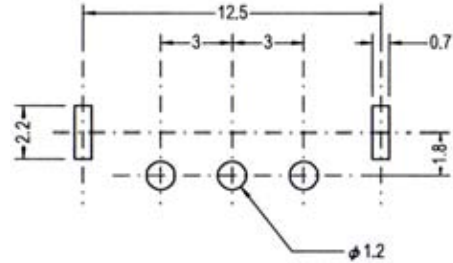
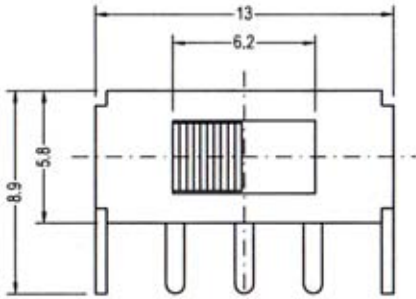


SPECIFICATIONS

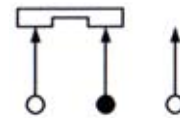
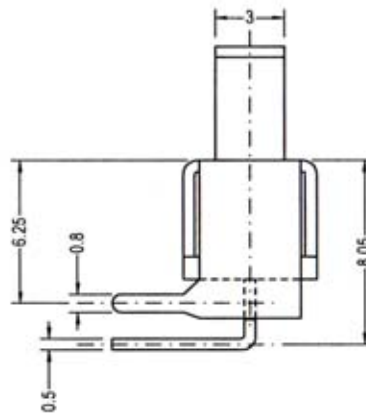
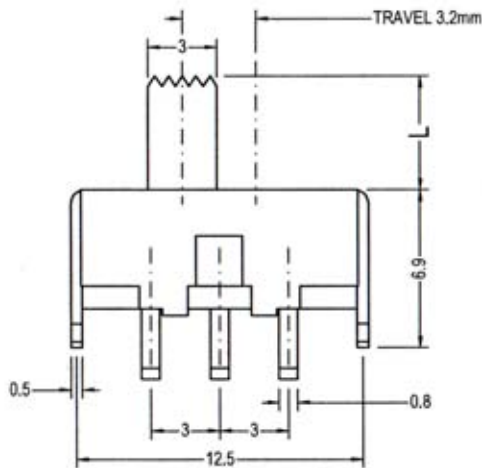
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Clad
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



Schematic

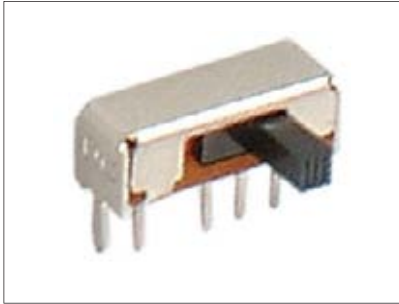
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 M - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (9)

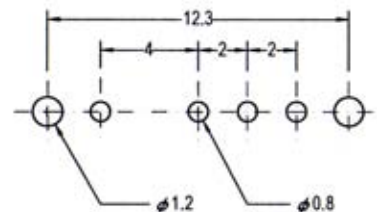
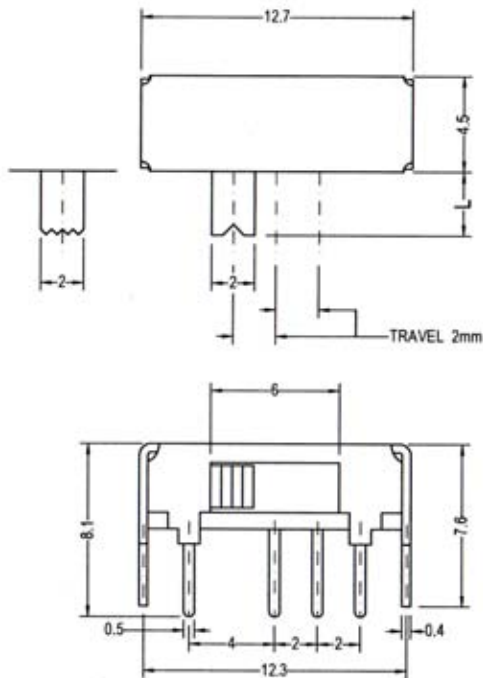


SPECIFICATIONS

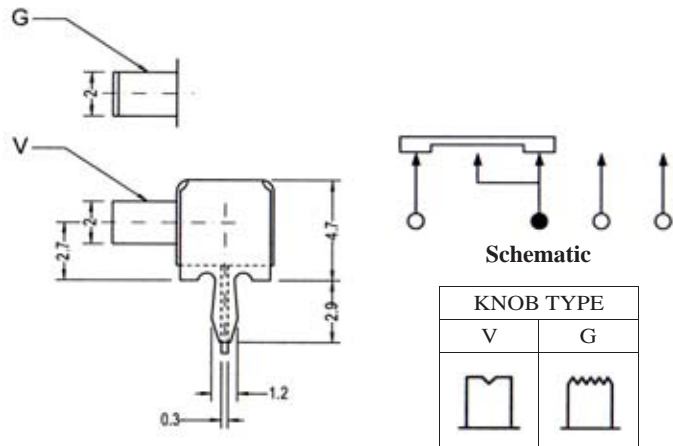
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



Schematic

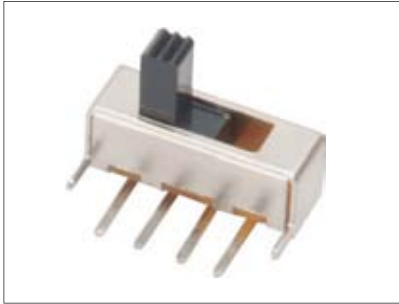
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 3 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

- SWITCHING ACTION:
"1P3T" ON-ON-ON
- KNOB TYPE:
"G" TYPE G
"V" TYPE V
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (10)

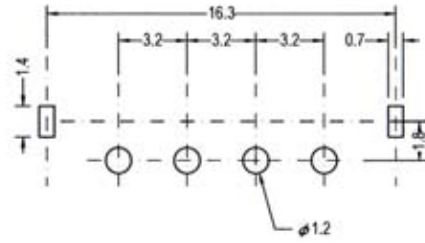
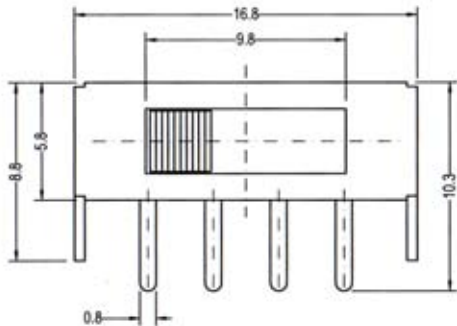


SPECIFICATIONS

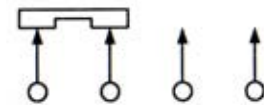
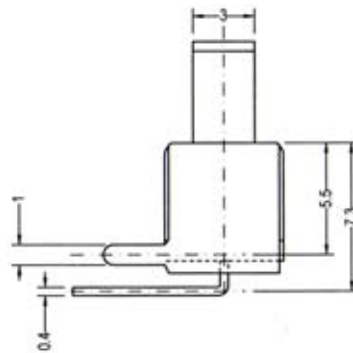
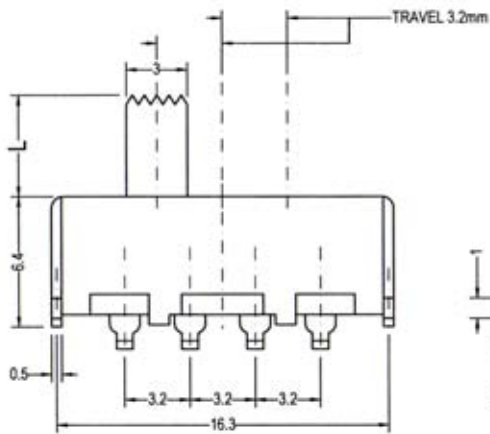
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

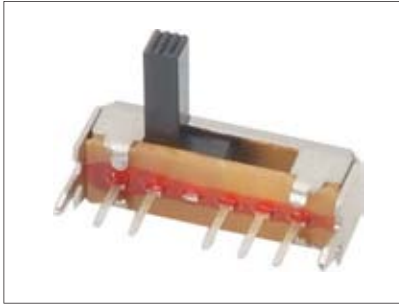
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 N - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{x}{3}$ X X

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (11)

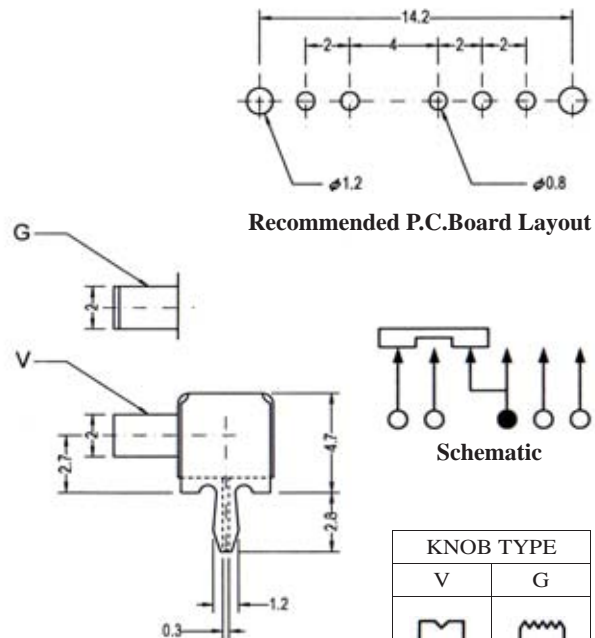
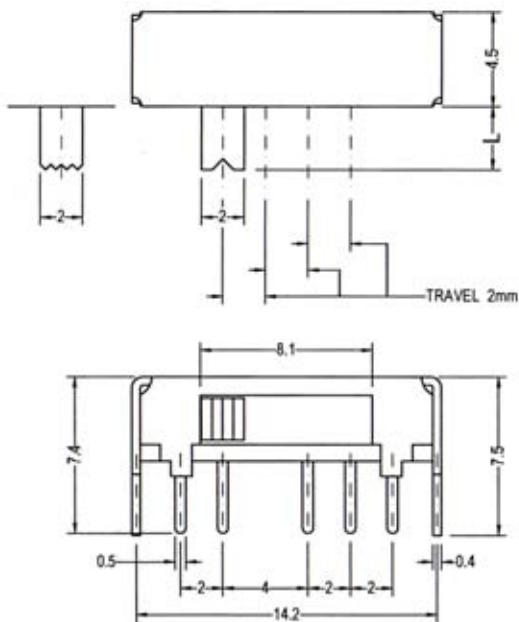


SPECIFICATIONS

Circuit: ON-ON-ON-ON (1P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Housing: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout

Schematic

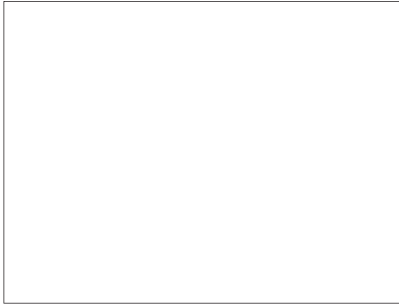
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 A - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (12)

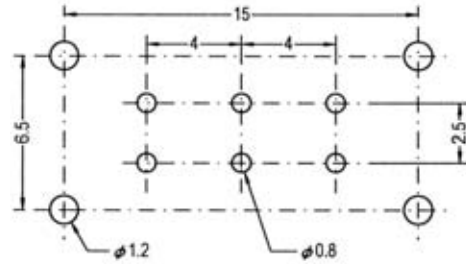
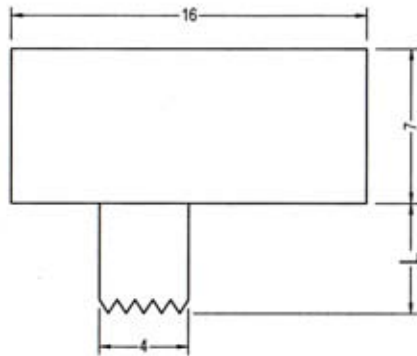


SPECIFICATIONS

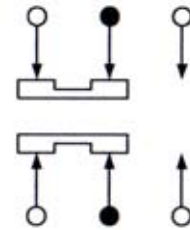
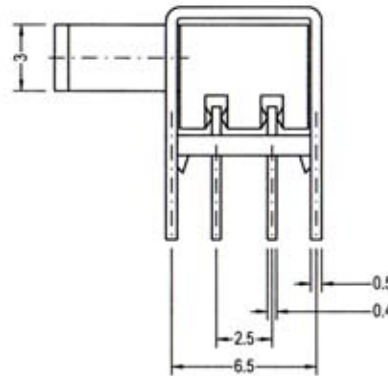
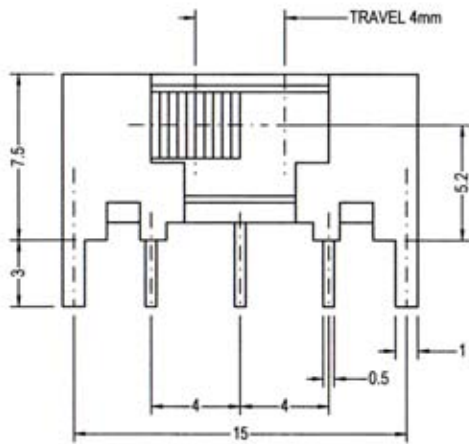
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



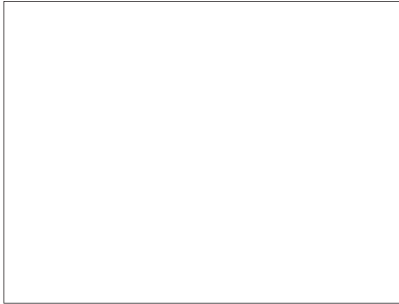
Schematic

ORDERING INFORMATION:

P/N S W S 4 E - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (13)

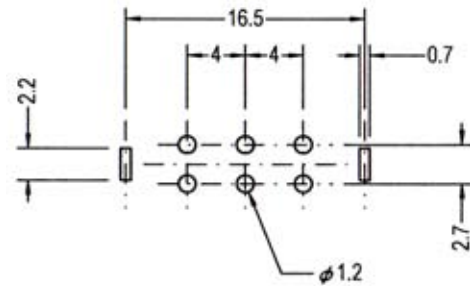
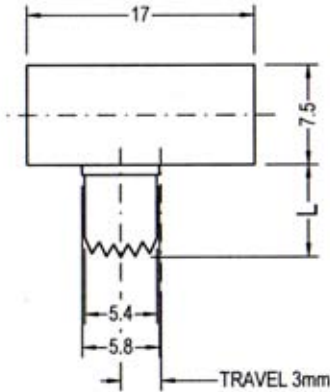


SPECIFICATIONS

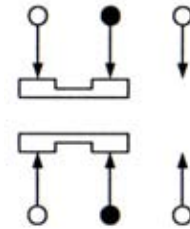
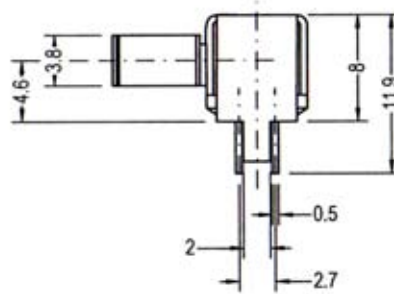
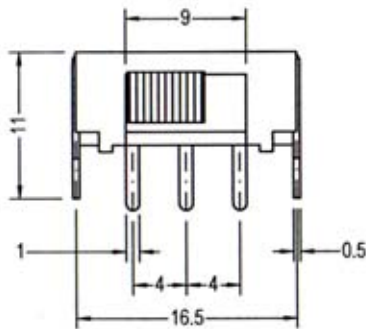
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Housing: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



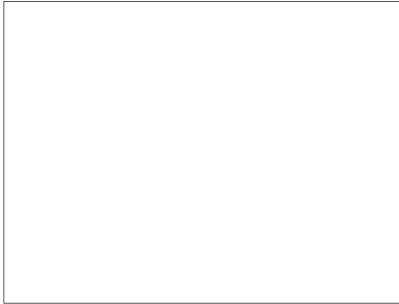
Schematic

ORDERING INFORMATION:

P/N S W S 4 D - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{x}{x}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (14)

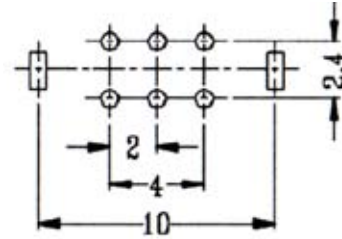
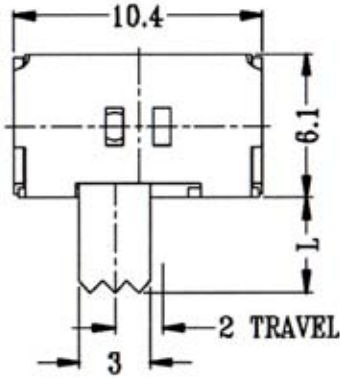


SPECIFICATIONS

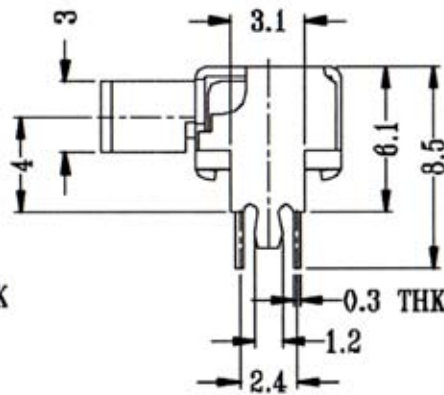
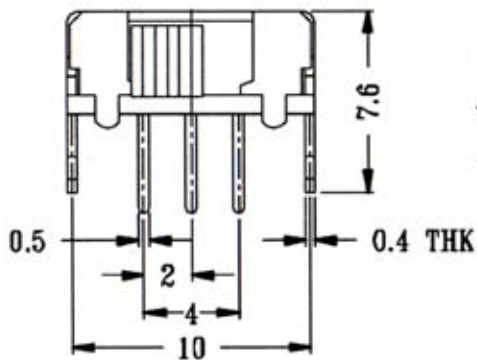
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



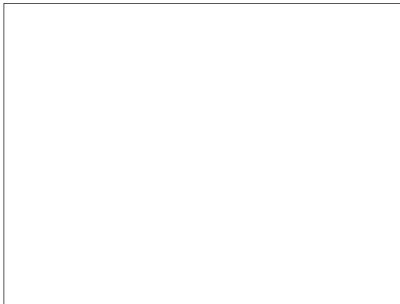
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 C - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (15)

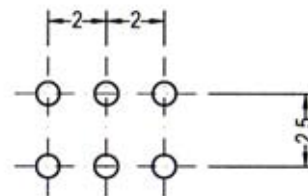
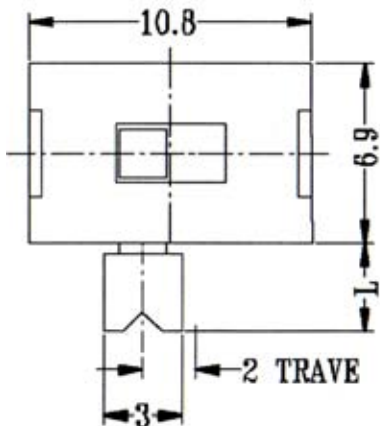


SPECIFICATIONS

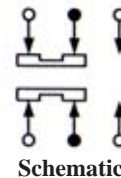
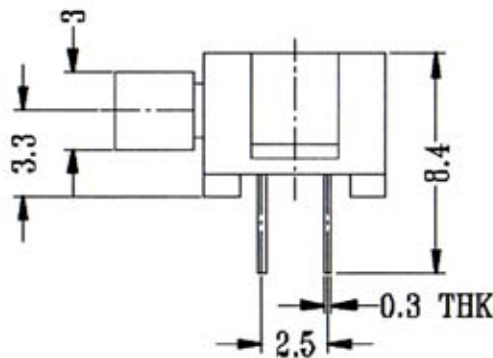
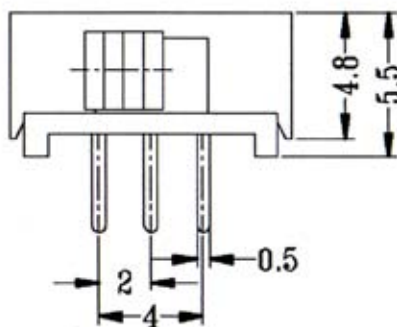
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Housing: POM, Black
Terminal Base: PC, Black
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Plated
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



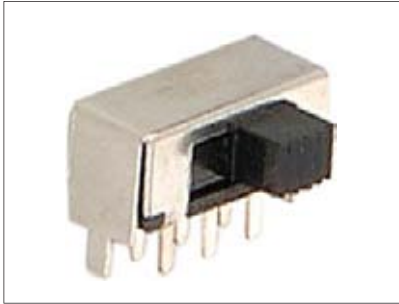
Schematic

ORDERING INFORMATION:

P/N S W S 4 B - $\frac{x P x T}{1} \frac{V x x}{2 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (16)

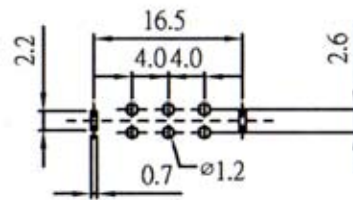
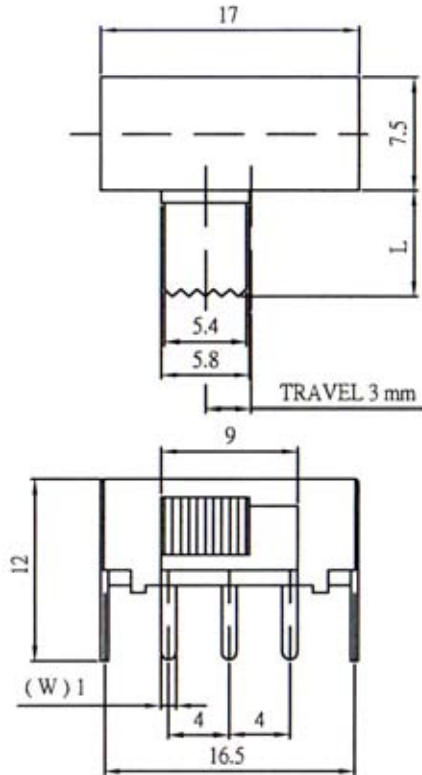


SPECIFICATIONS

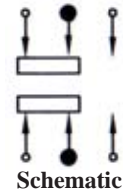
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C. Board Layout



Schematic

P/N	(H)	(W)
46	9	1
47	10	1
48	11	0.9
49	14	1.3
50	18	1.3
51	21	1.3
52	12	1.3
53	8	1
54	8.5	1
55	9.5	1

ORDERING INFORMATION:

P/N S W S xx - 2 P 2 T G xx
1 2 3 4

- SWITCH TYPE:
46, 47, 48, 49, 50, 51, 52, 53, 54, 55
- SWITCHING ACTION:
"2P2T" ON-ON
- KNOB TYPE:
"G" TYPE G
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (17)

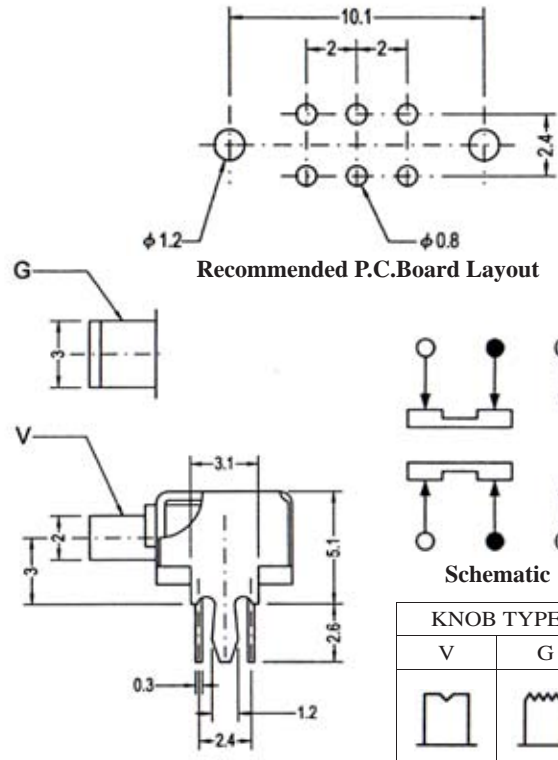
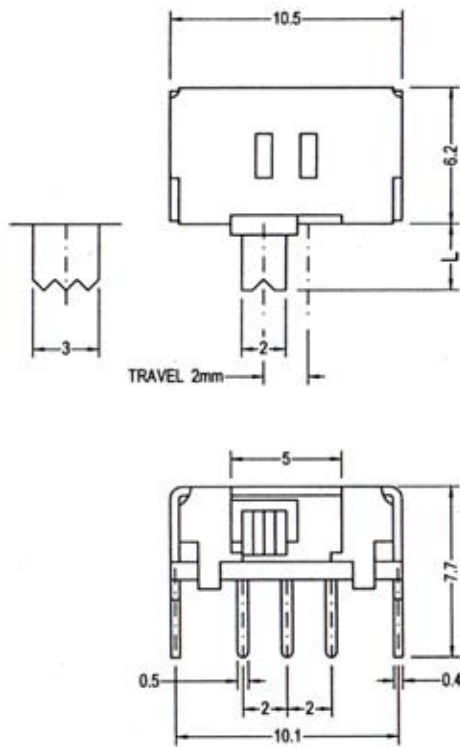


SPECIFICATIONS

Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



ORDERING INFORMATION:

P/N S W S 3 4 - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} x x$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (18)

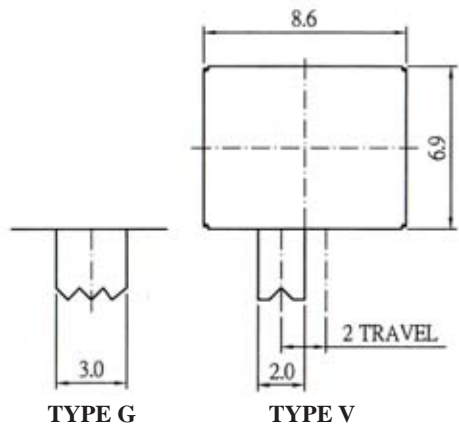


SPECIFICATIONS

Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

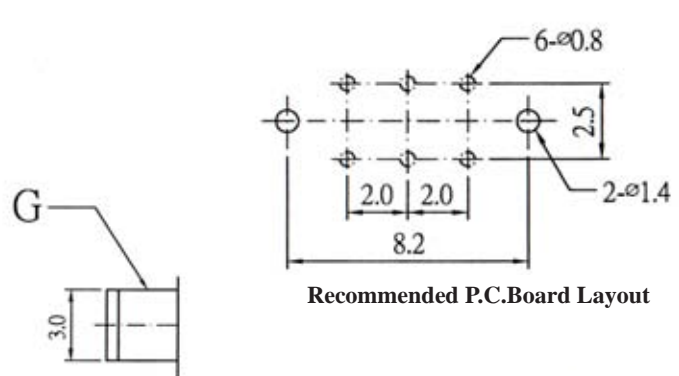
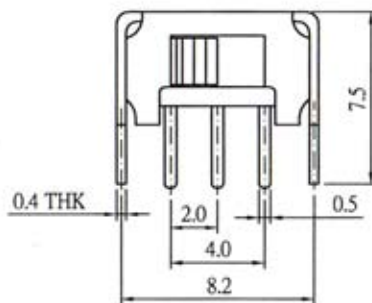
MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm

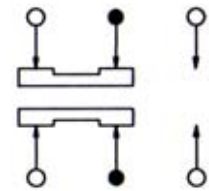
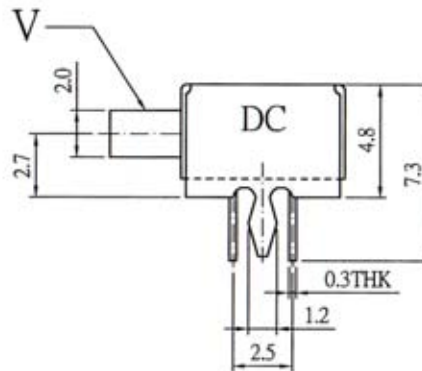


TYPE G

TYPE V



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 3 5 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (19)

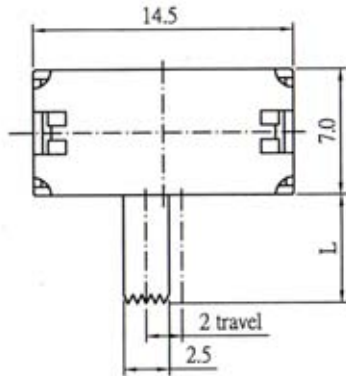


SPECIFICATIONS

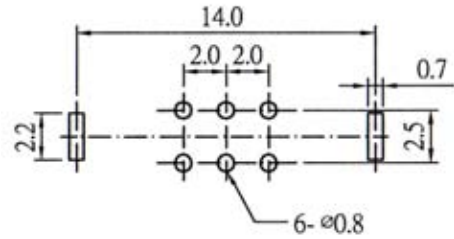
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100mΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

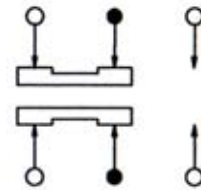
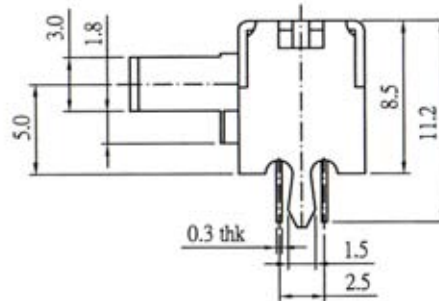
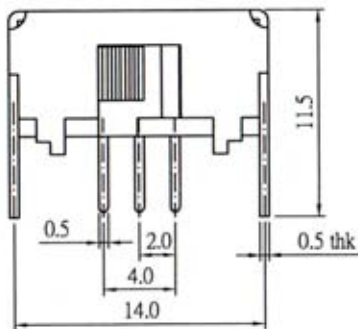
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



L = 2 - 15 m/m



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 3 6 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (20)

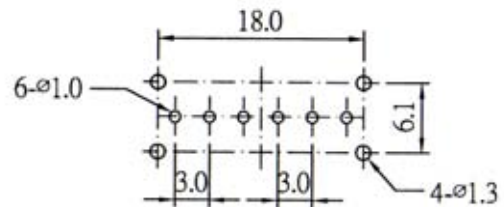
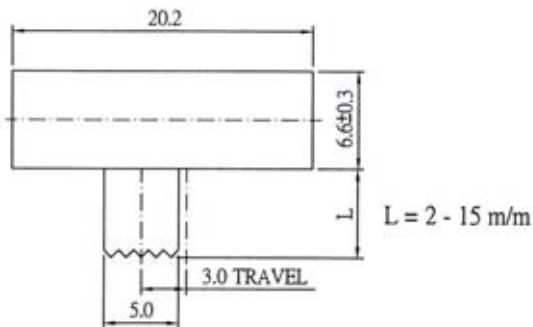


SPECIFICATIONS

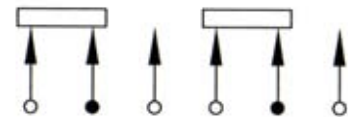
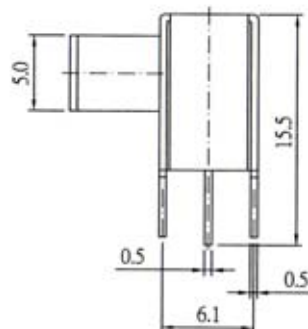
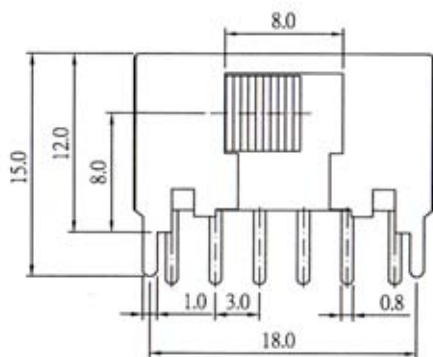
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



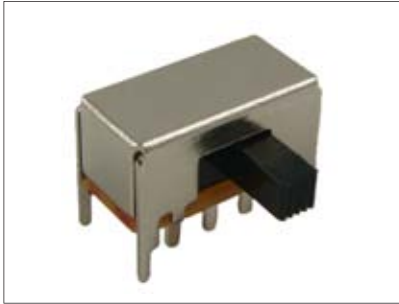
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 3 7 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (21)

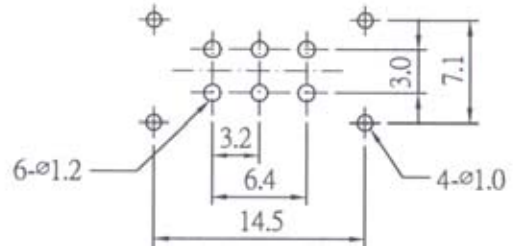
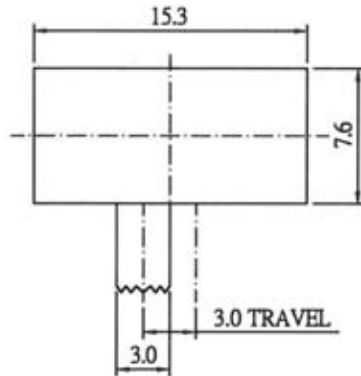


SPECIFICATIONS

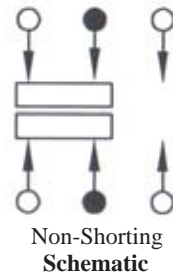
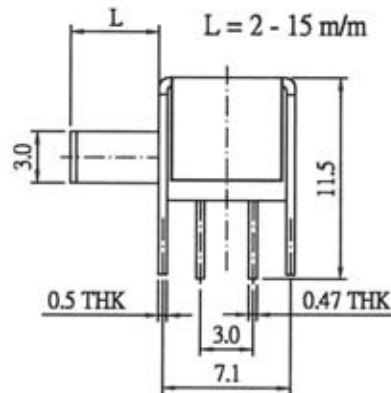
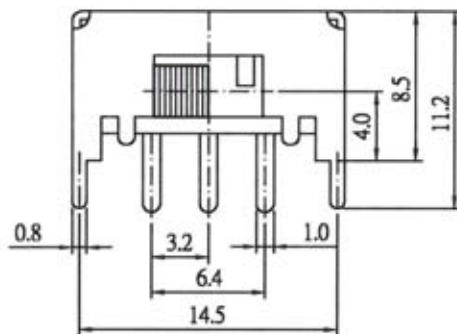
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

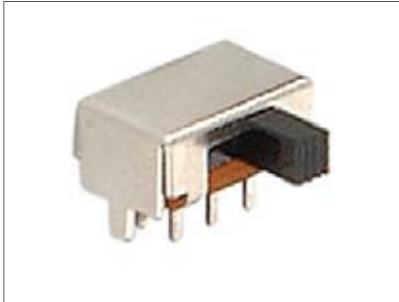


ORDERING INFORMATION:

P/N S W S 3 8 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (22)

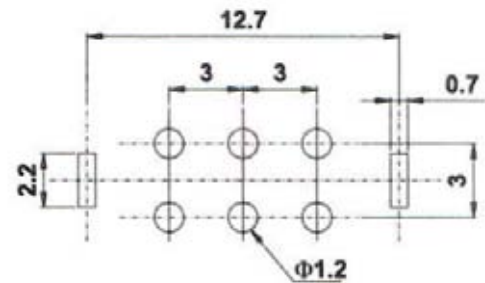
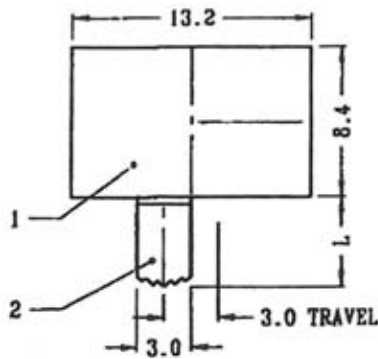


SPECIFICATIONS

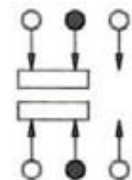
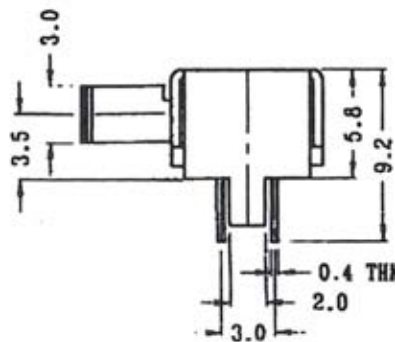
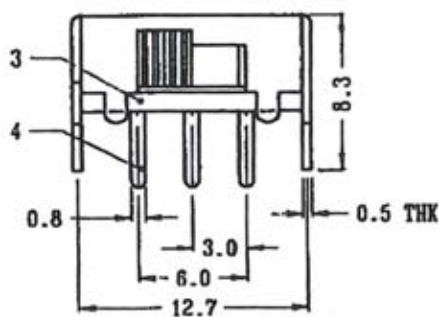
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



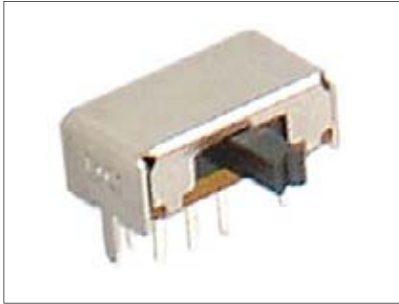
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 3 9 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{3} x$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (23)

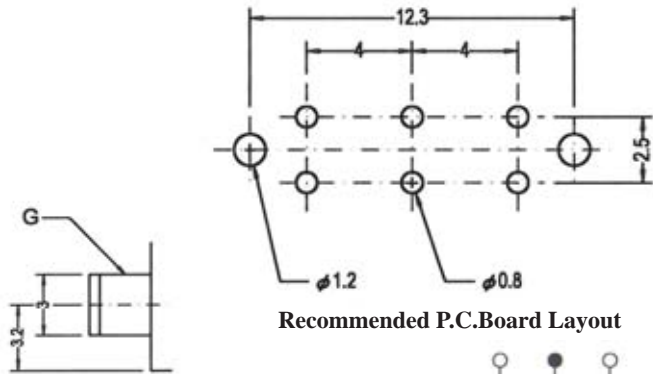
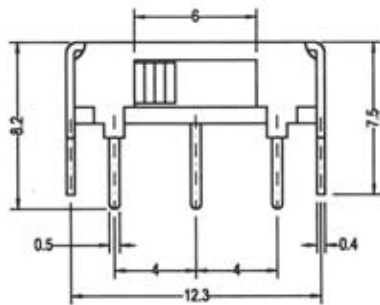
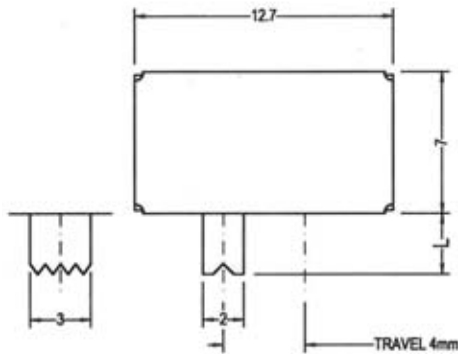


SPECIFICATIONS

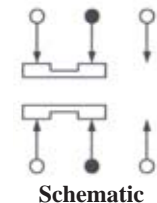
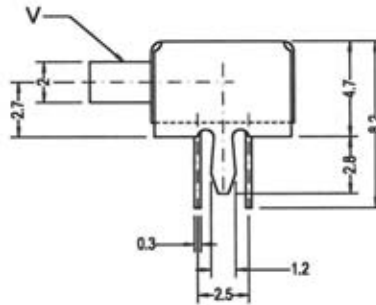
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 0 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (24)

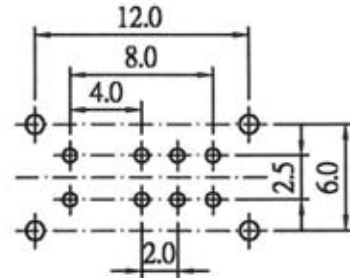
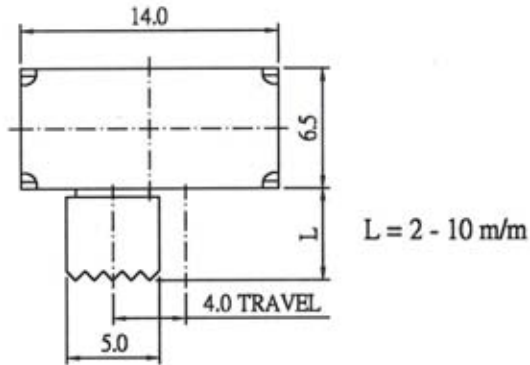


SPECIFICATIONS

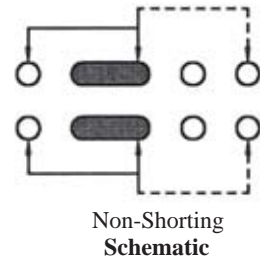
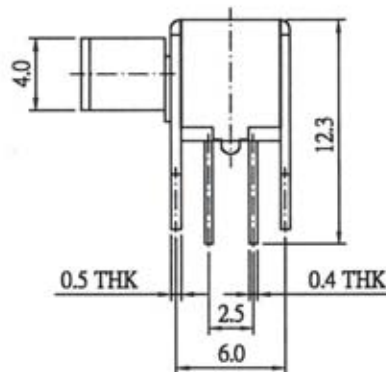
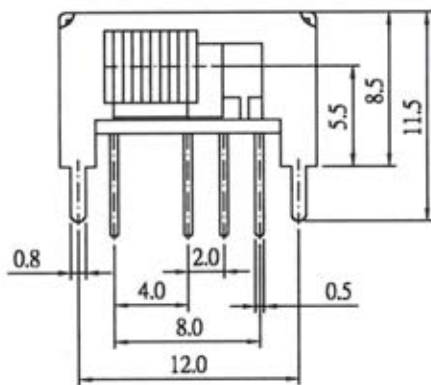
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 4 1 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (25)

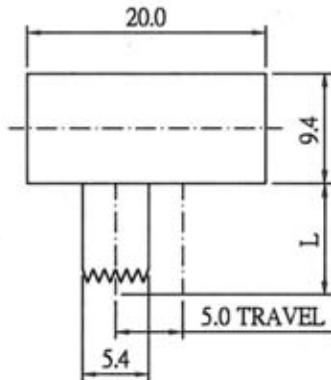


SPECIFICATIONS

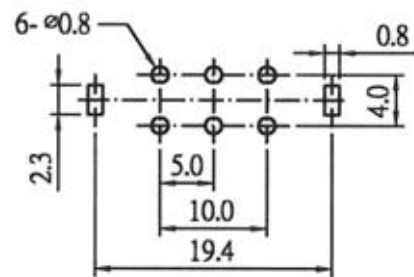
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 150gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

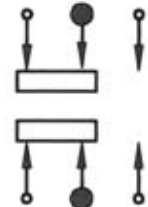
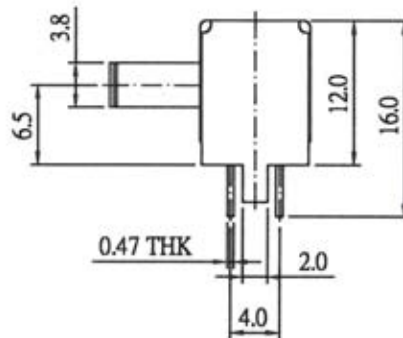
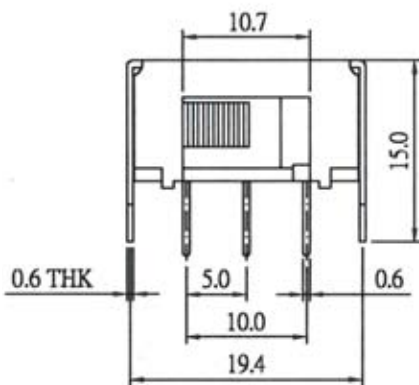
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



L = 2 - 15 mm



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 4 2 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (26)

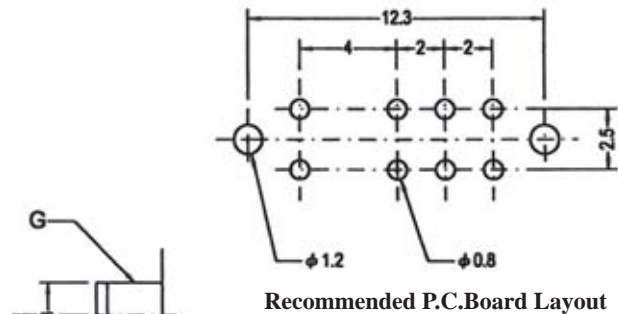
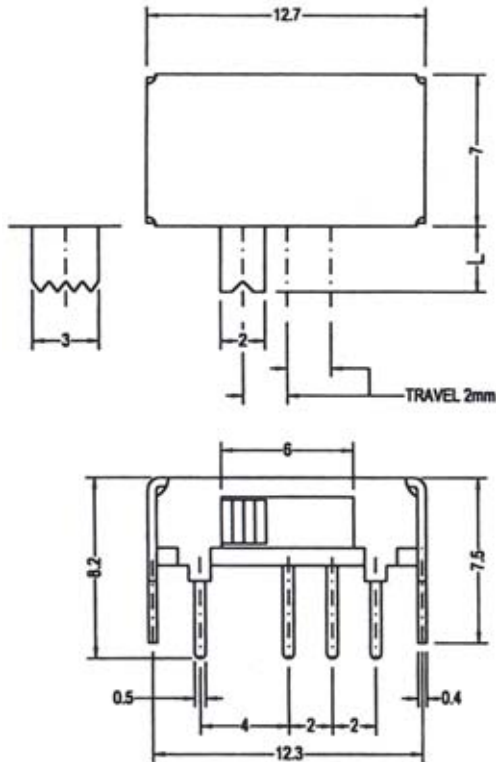


SPECIFICATIONS

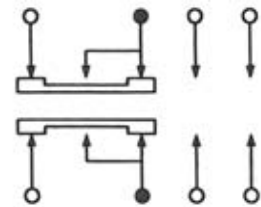
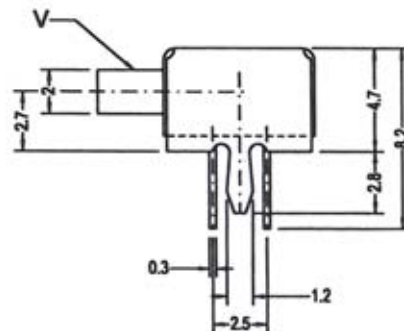
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C. Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 3 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (27)



SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)

Rating: D.C. 50V 0.3A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Shorting

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

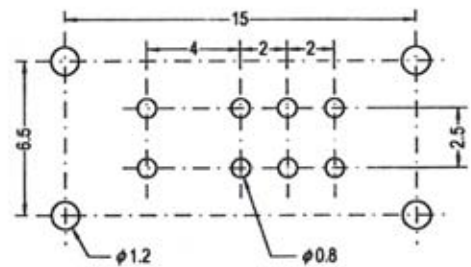
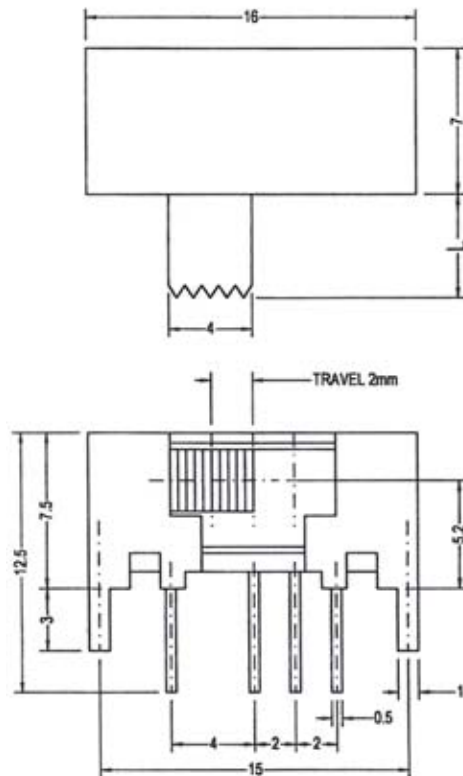
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

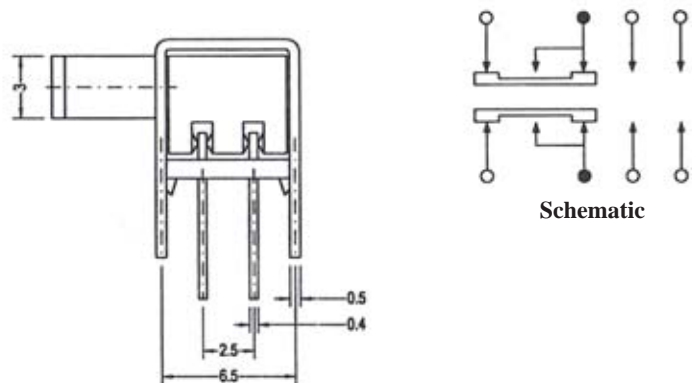
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C. Board Layout



ORDERING INFORMATION:

P/N S W S 4 4 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (28)

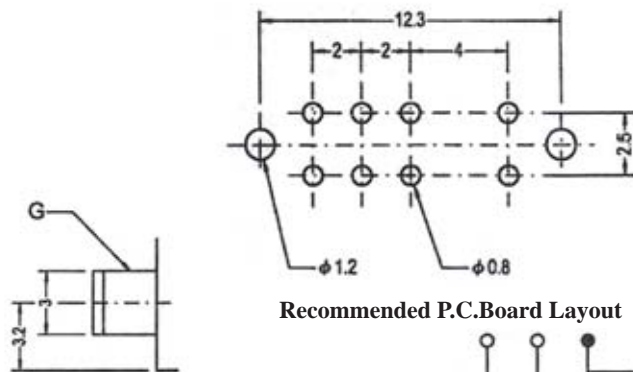
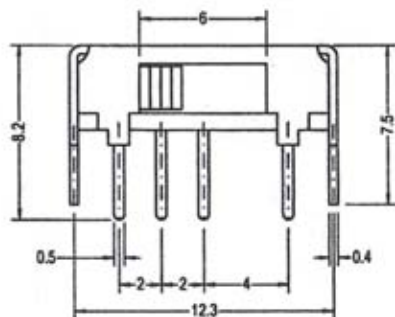
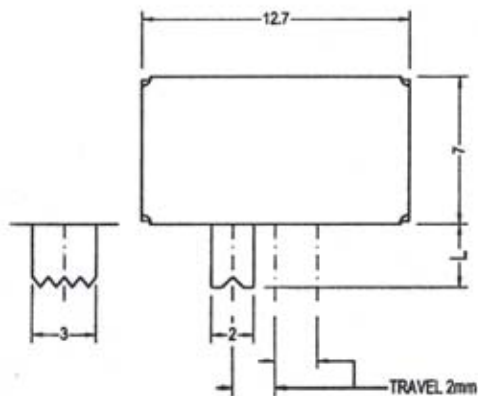


SPECIFICATIONS

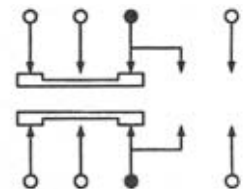
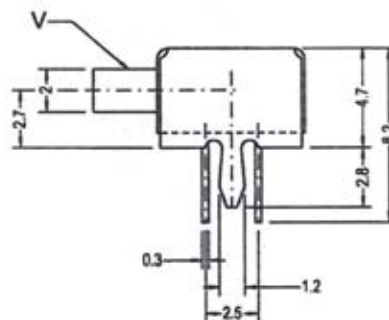
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

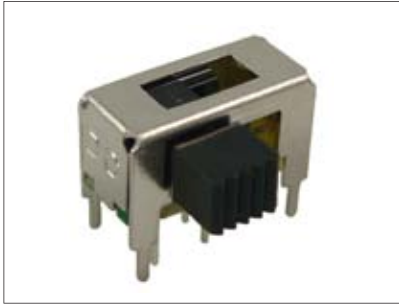
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 5 - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (29)

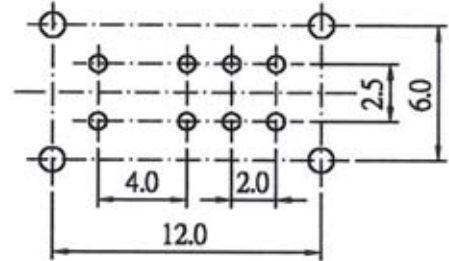
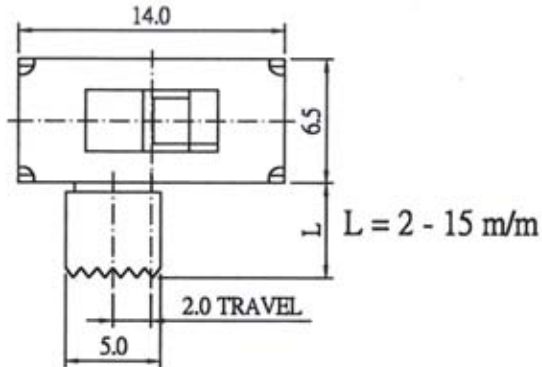


SPECIFICATIONS

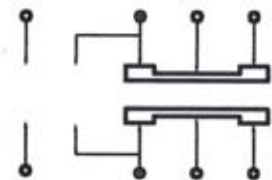
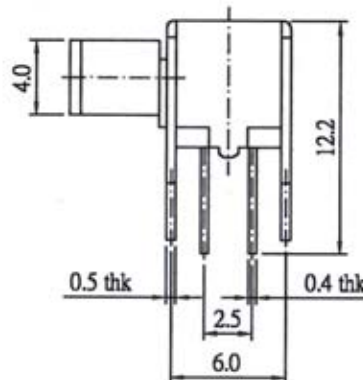
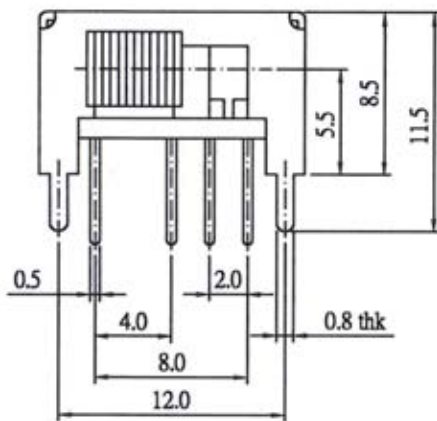
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 150g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 5 7 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (30)

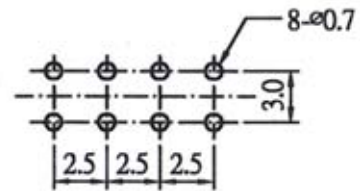
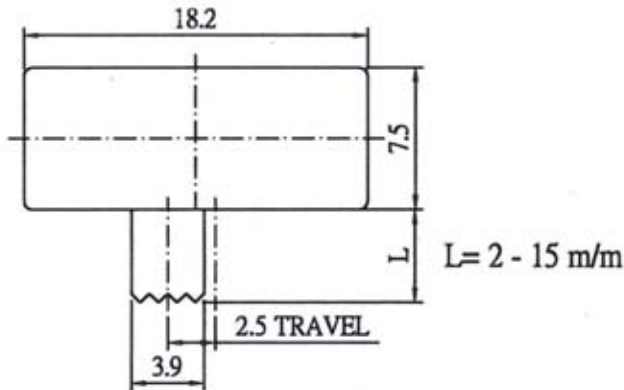


SPECIFICATIONS

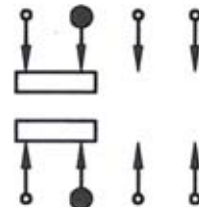
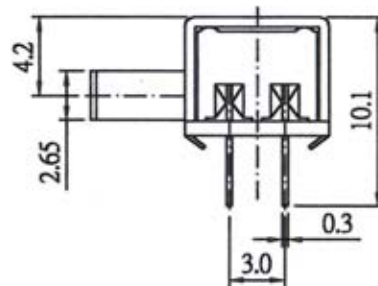
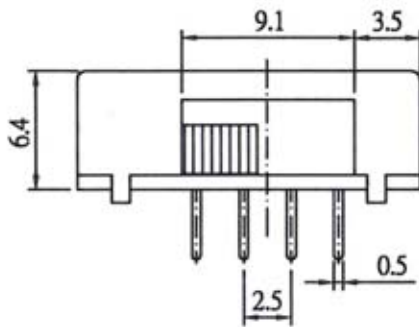
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 150g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



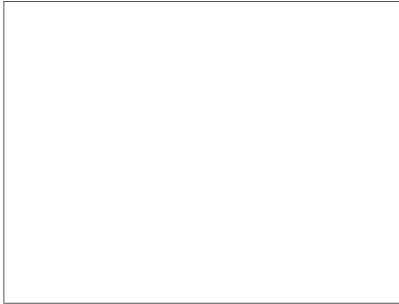
Shorting Schematic

ORDERING INFORMATION:

P/N S W S 5 8 - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (31)

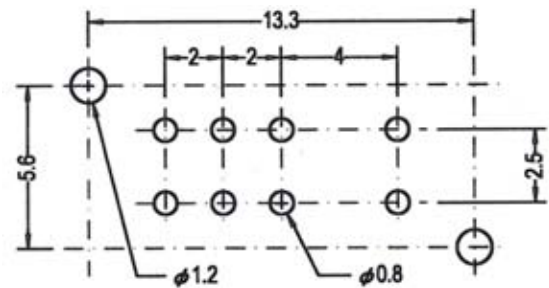
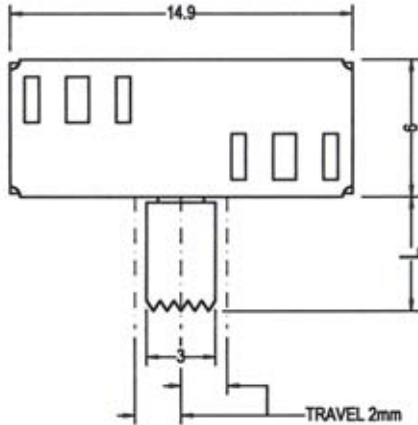


SPECIFICATIONS

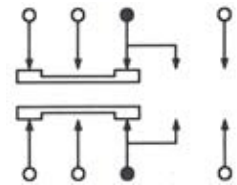
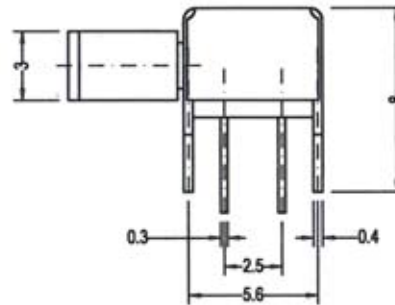
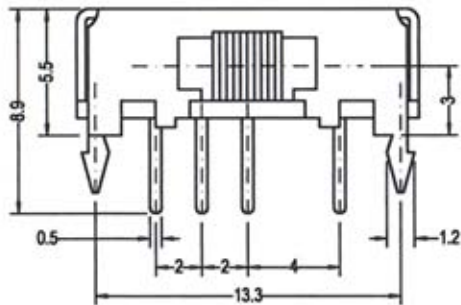
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

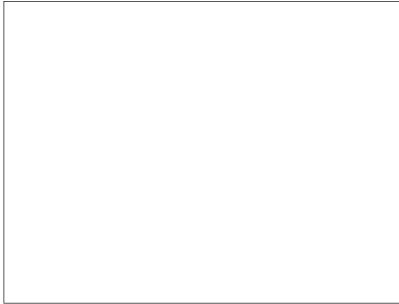
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 G - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} X X$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (32)

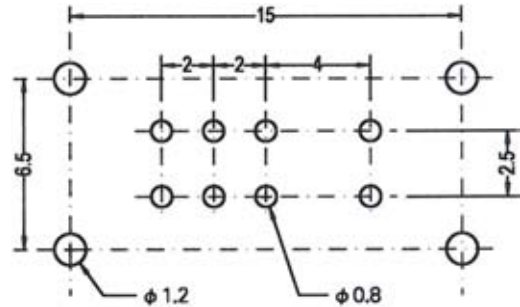
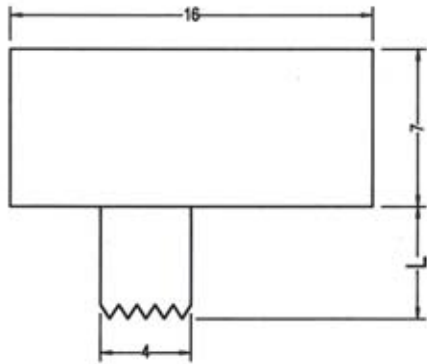


SPECIFICATIONS

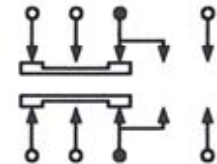
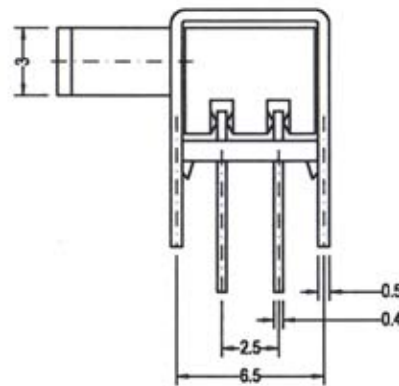
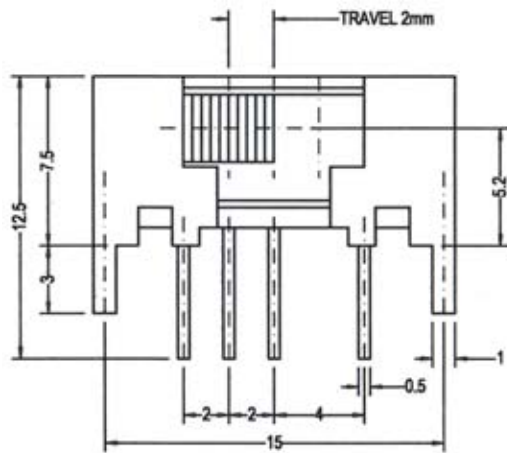
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 4 F - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (33)

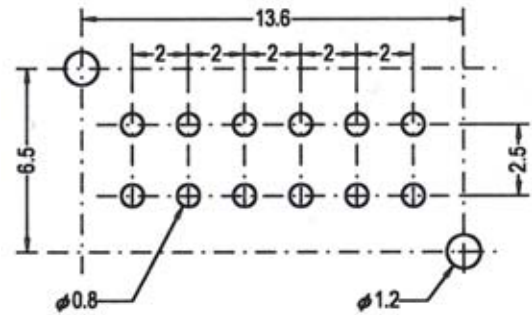
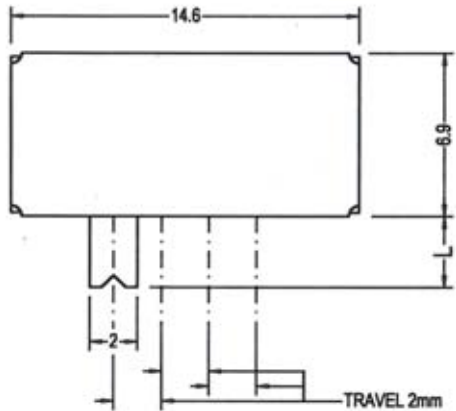


SPECIFICATIONS

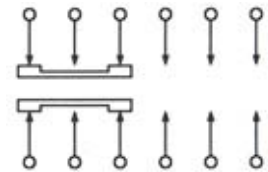
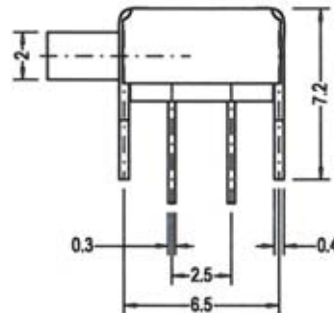
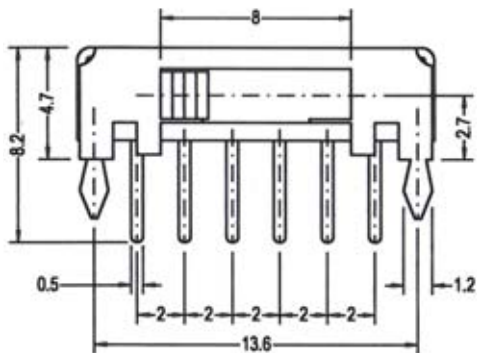
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

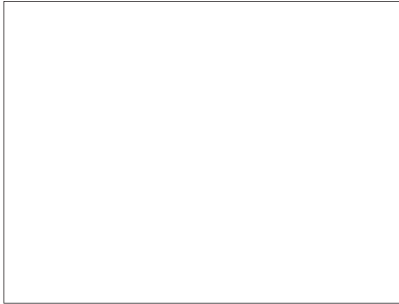
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 4 H - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (34)

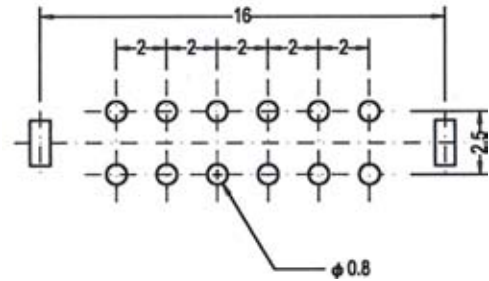
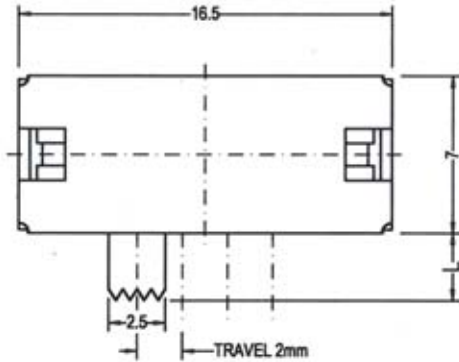


SPECIFICATIONS

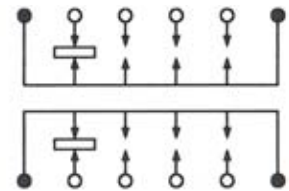
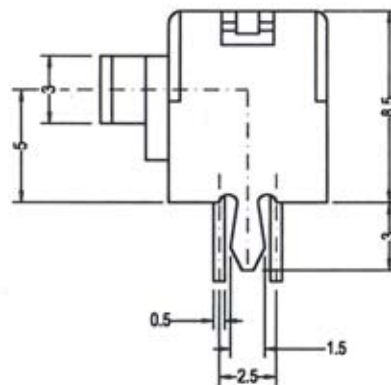
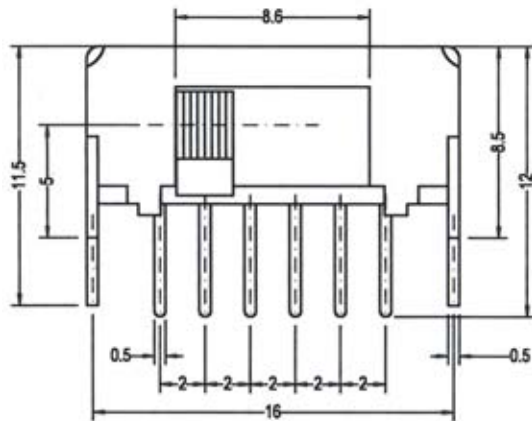
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 5 6 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (35)

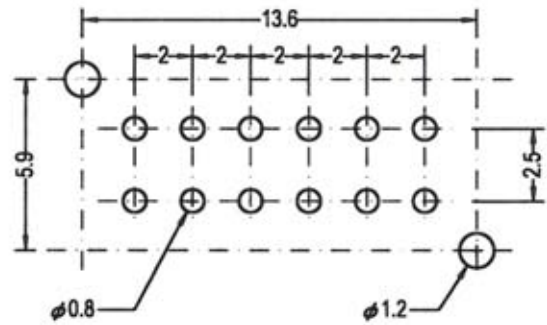
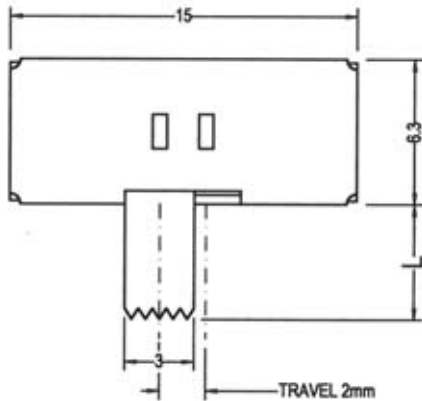


SPECIFICATIONS

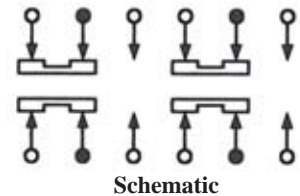
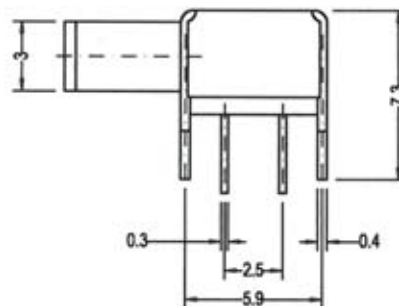
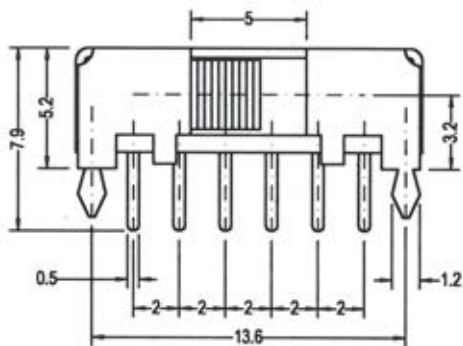
Circuit: ON-ON (4P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Clip: C5210R-EH, Ag Plated
Spring Plate: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 6 0 - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"4P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (36)

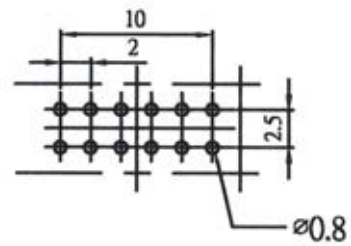
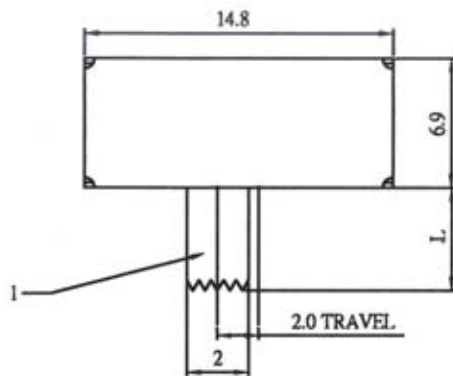


SPECIFICATIONS

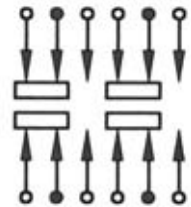
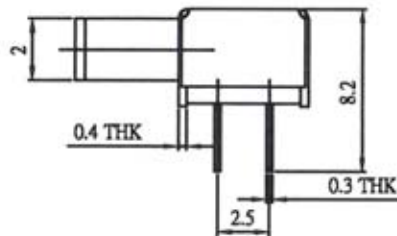
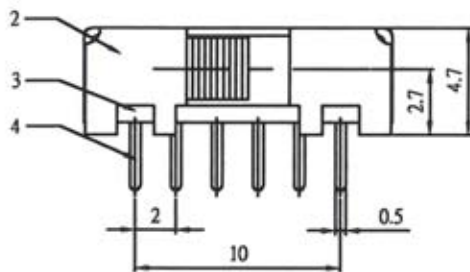
Circuit: ON-ON (4P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Clip: C5210R-EH, Ag Plated
Spring Plate: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



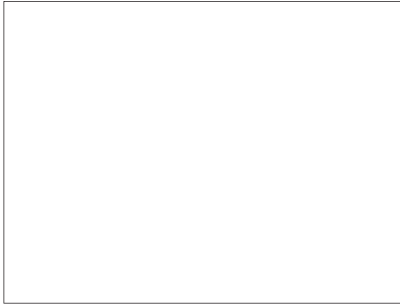
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 6 1 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"4P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (37)

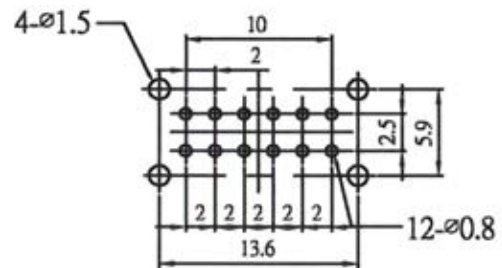
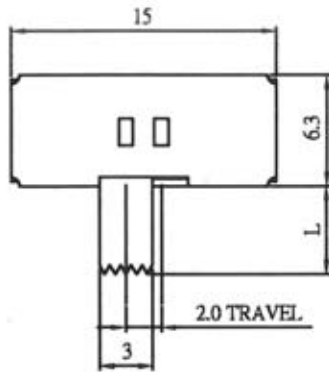


SPECIFICATIONS

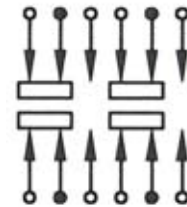
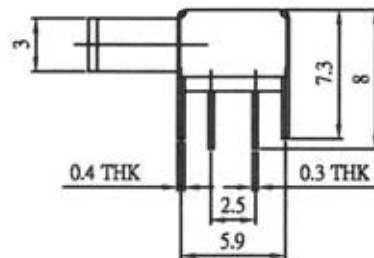
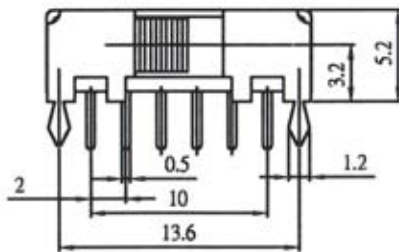
Circuit: ON-ON (4P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Clip: C5210R-EH, Ag Plated
Spring Plate: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



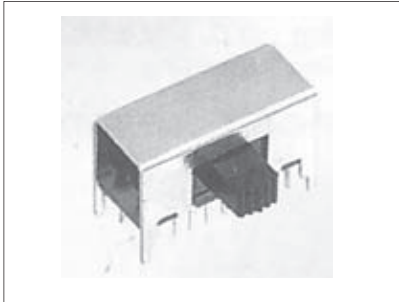
Schematic

ORDERING INFORMATION:

P/N S W S 6 2 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"4P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (38)

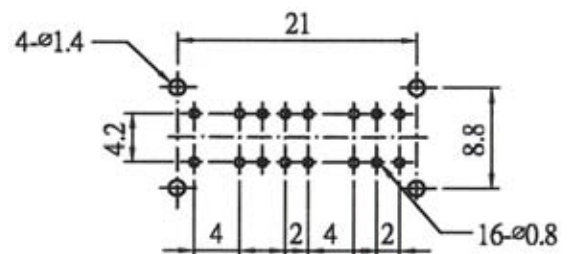
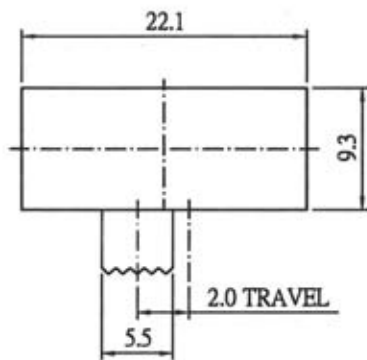


SPECIFICATIONS

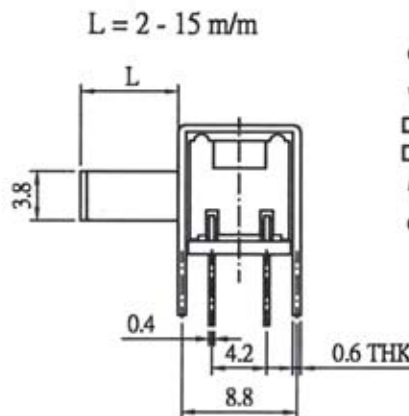
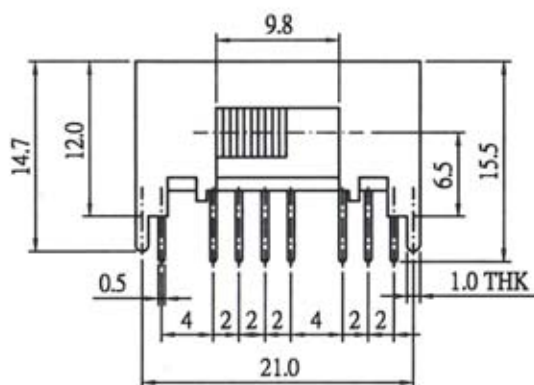
Circuit: ON-ON-ON (4P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 400 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 6 3 - $\frac{xP}{1} \frac{xT}{2} \frac{G}{3} \frac{xx}{3}$

1. SWITCHING ACTION:
"4P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (39)

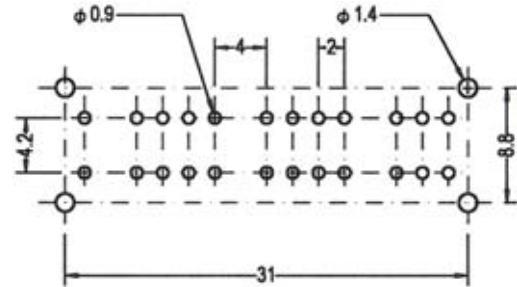
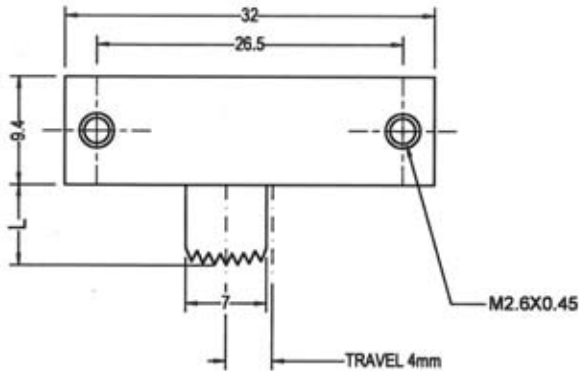


SPECIFICATIONS

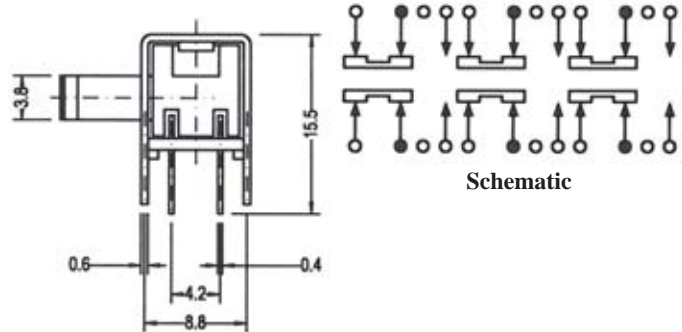
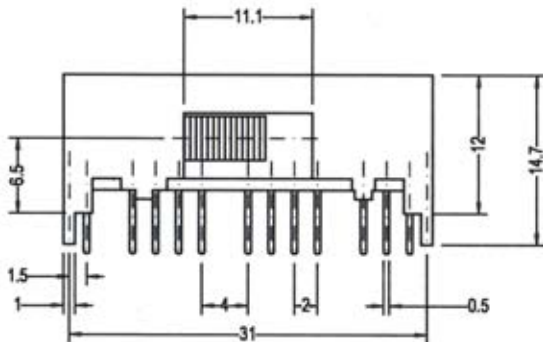
Circuit: ON-ON (6P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Clip: PBS Strip, Ag Plated
Spring : Steel
Unit: mm



Recommended P.C.Board Layout



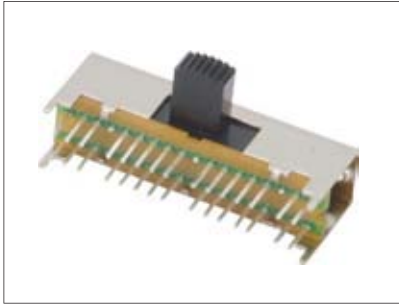
Schematic

ORDERING INFORMATION:

P/N S W S 4 J - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"6P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (40)

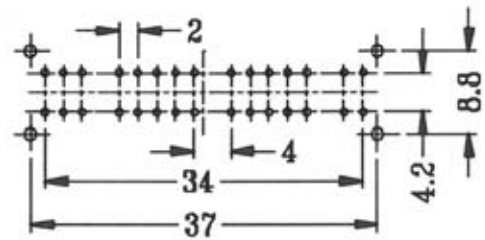
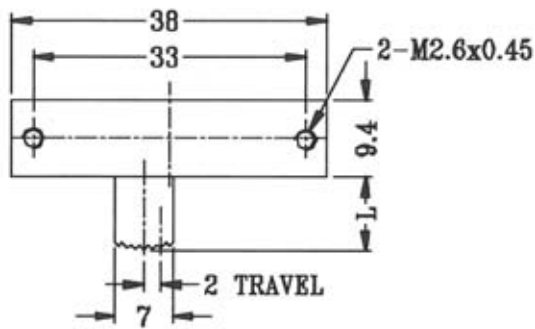


SPECIFICATIONS

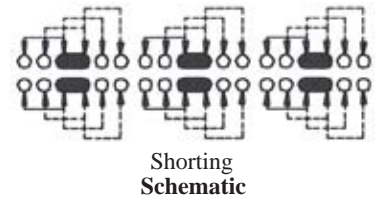
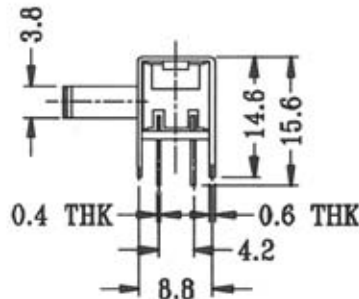
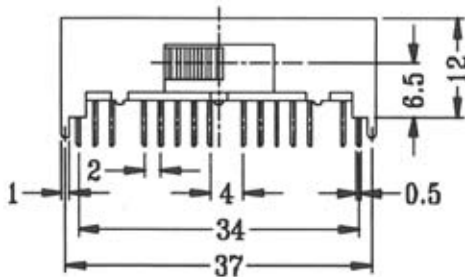
Circuit: ON-ON-ON-ON (6P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

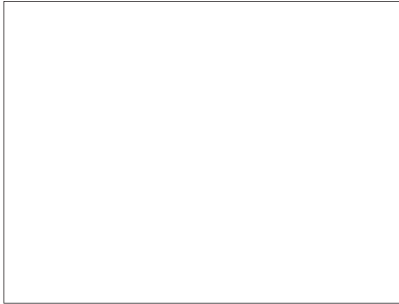


ORDERING INFORMATION:

P/N S W S 4 K - $\frac{x}{1} \frac{P}{2} \frac{x}{3} \frac{T}{2} \frac{G}{3} \frac{x}{3}$

1. SWITCHING ACTION:
"6P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES RIGHT ANGLE DIP TYPES (41)

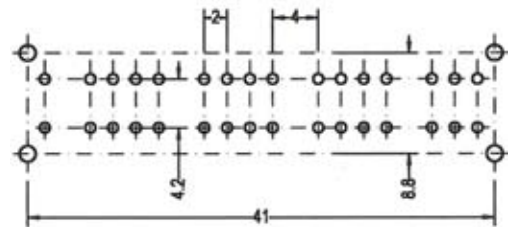
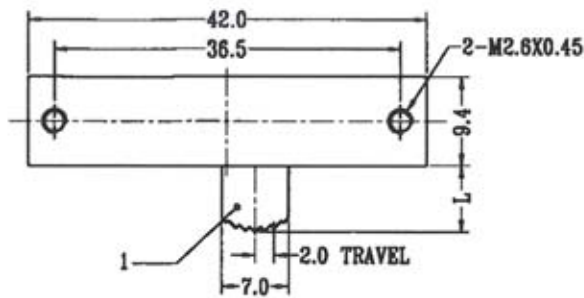


SPECIFICATIONS

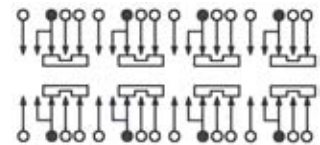
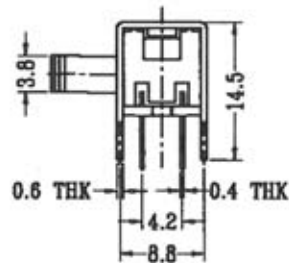
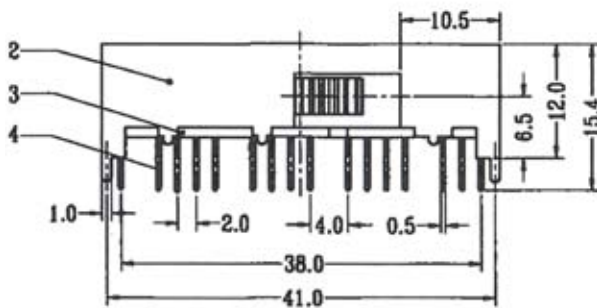
Circuit: ON-ON-ON (8P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Clip: PBS Strip, Ag Plated
Spring : Steel Wire
Unit: mm



Recommended P.C.Board Layout



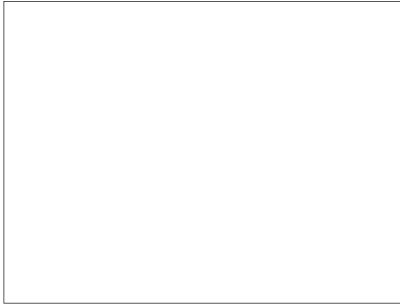
Schematic

ORDERING INFORMATION:

P/N S W S 4 L - $\frac{x P x T}{1} \frac{G}{2} \frac{x x}{3}$

1. SWITCHING ACTION:
"8P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (1)



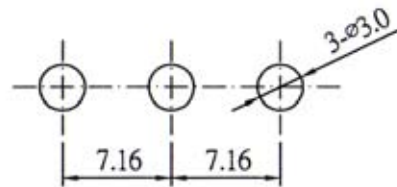
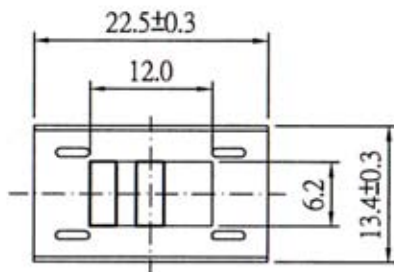
SPECIFICATIONS

Circuit: ON-ON (1P2T)
Rating: A.C. 250V 3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1000V 1minute
Operating force: 500 ± 200gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

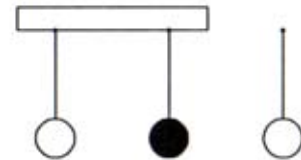
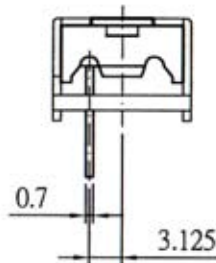
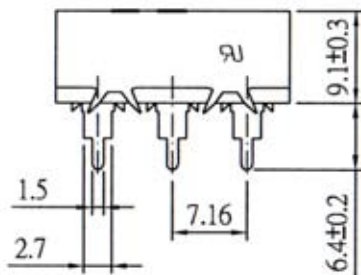


MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



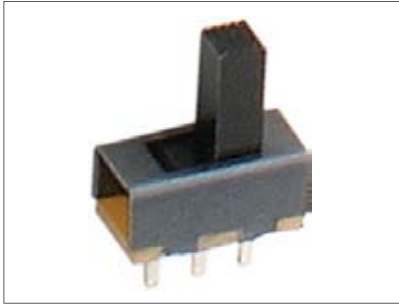
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 6 9 - x P x T F 0 0
1 2 3

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
00

SLIDE SWITCHES STRAIGHT DIP TYPES (2)

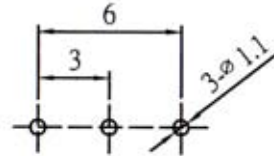
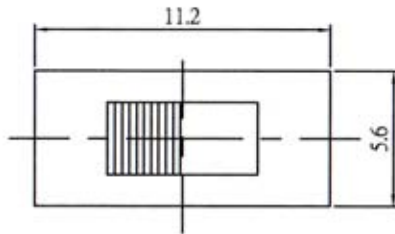


SPECIFICATIONS

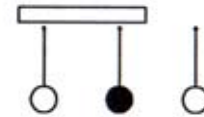
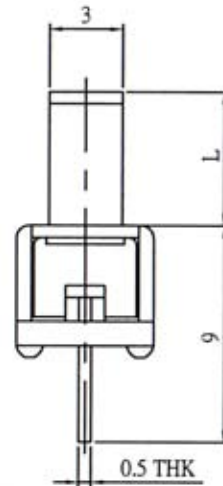
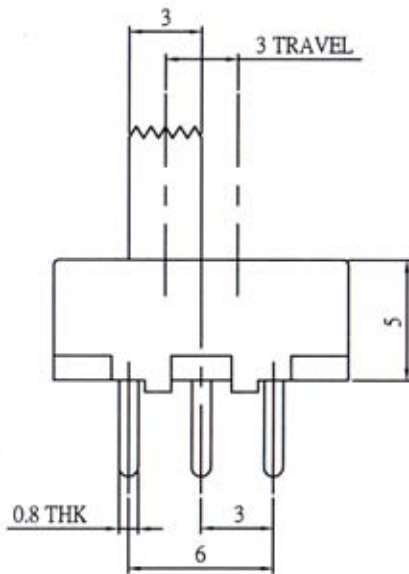
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



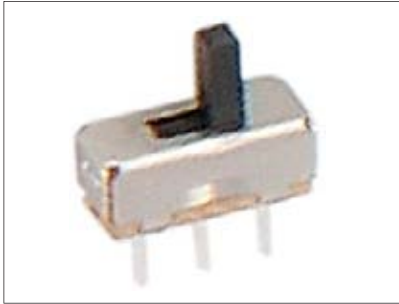
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 7 9 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{3} x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (3)

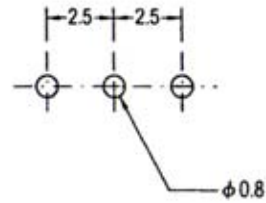
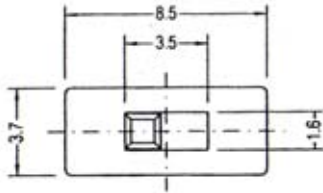


SPECIFICATIONS

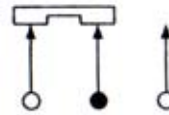
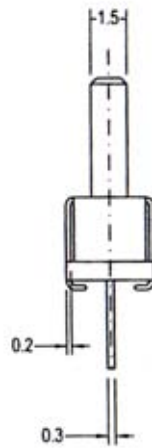
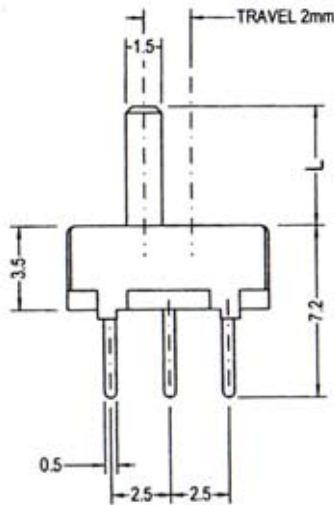
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 1 - $\frac{x}{1}$ P $\frac{x}{2}$ T R $\frac{x}{3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"R" TYPE R
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (4)

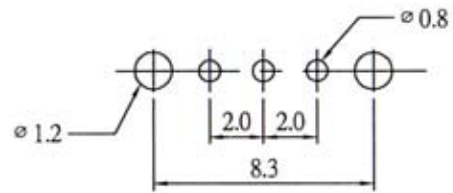
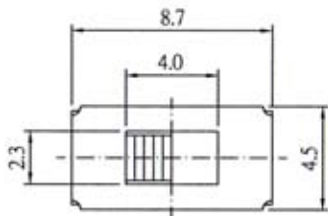


SPECIFICATIONS

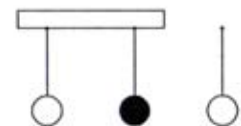
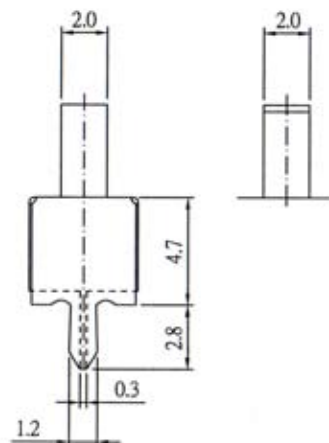
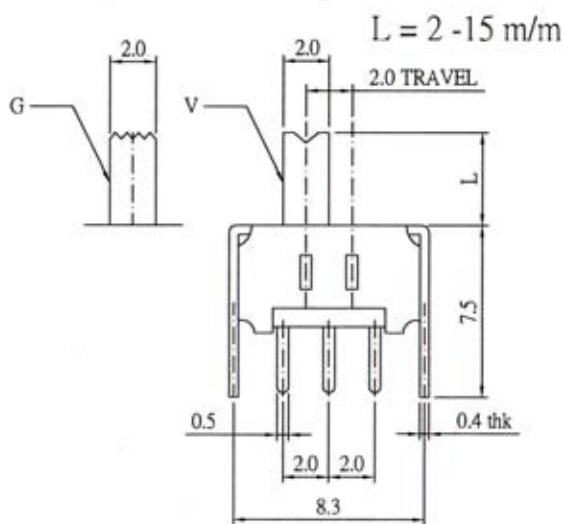
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 8 2 - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (5)

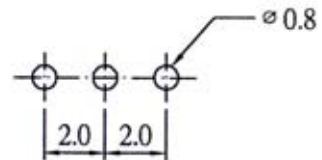
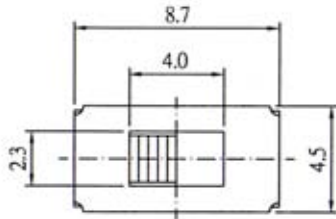


SPECIFICATIONS

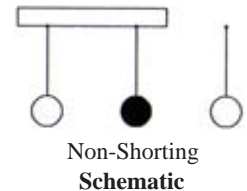
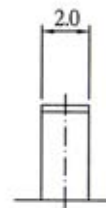
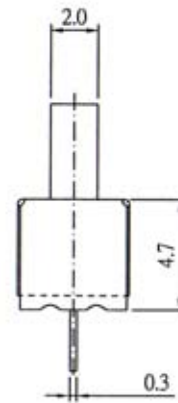
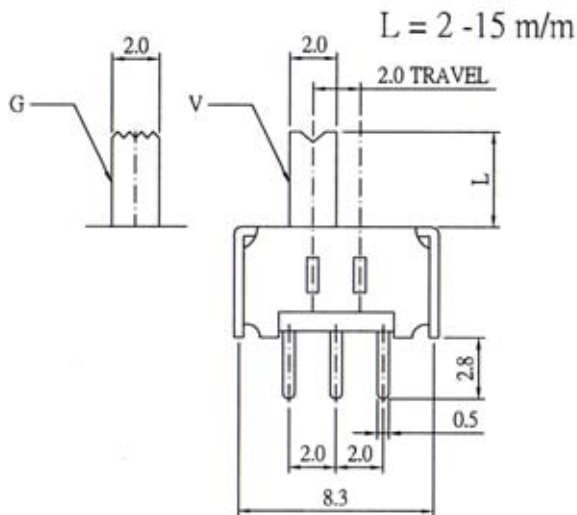
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 8 3 - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{x}{3}$ x x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (6)

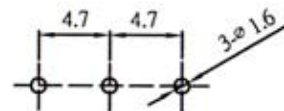
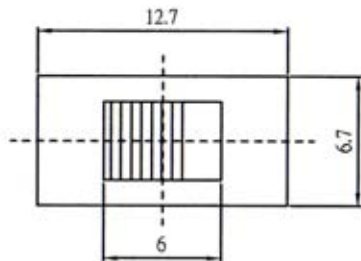


SPECIFICATIONS

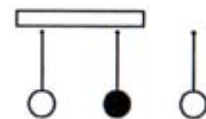
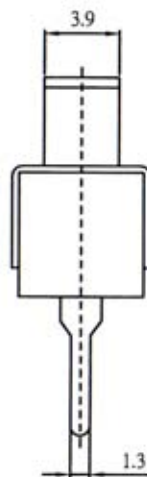
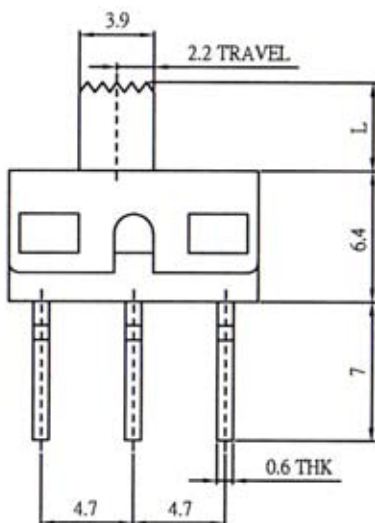
Circuit: ON-ON (1P2T)
Rating: A.C. 125V 2A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 8 4 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (7)

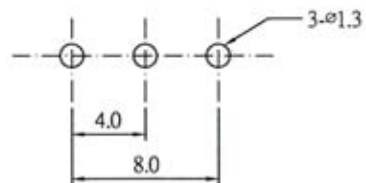
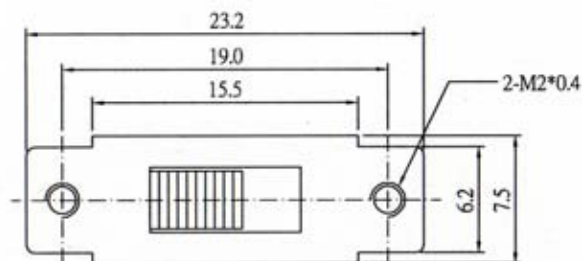


SPECIFICATIONS

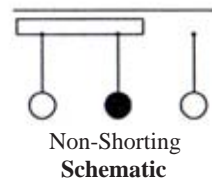
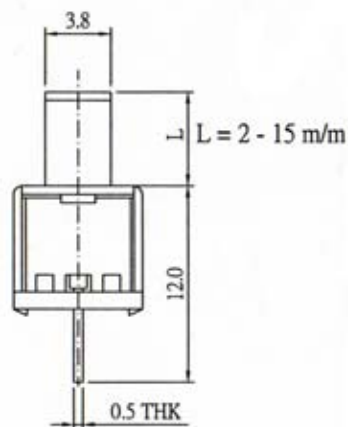
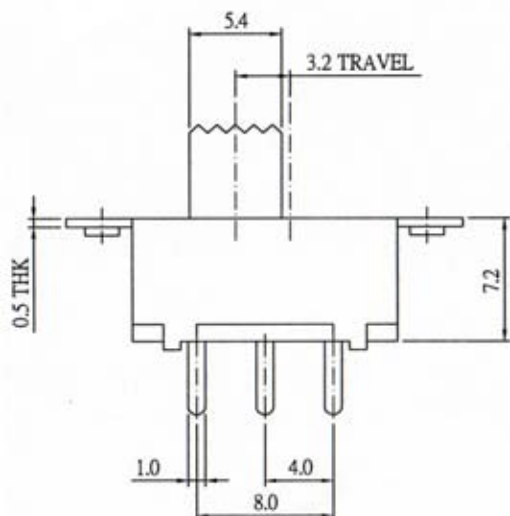
Circuit: ON-ON (1P2T)
Rating: A.C. 125V 2A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 8 5 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (8)

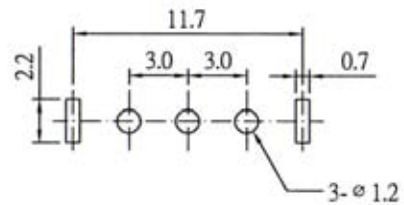
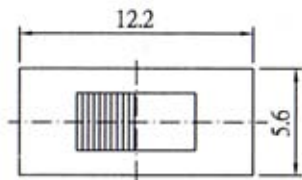


SPECIFICATIONS

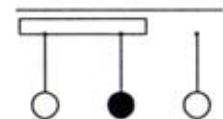
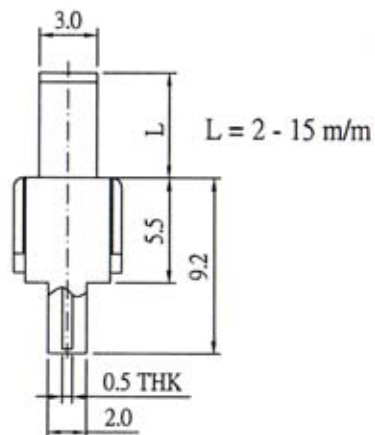
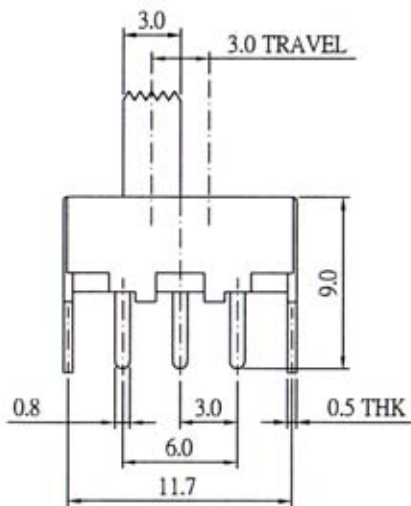
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



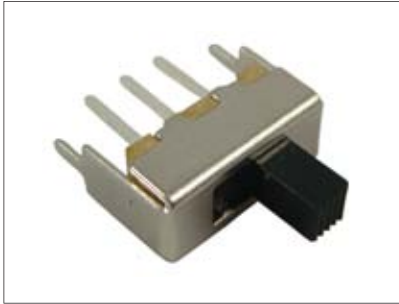
Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 8 6 - $\frac{xP}{1} \frac{xT}{2} \frac{G}{3} \frac{xx}{3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (9)

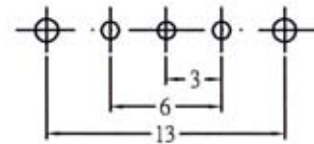
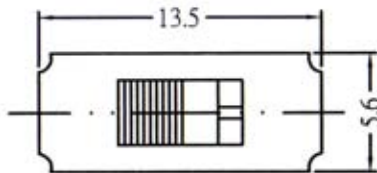


SPECIFICATIONS

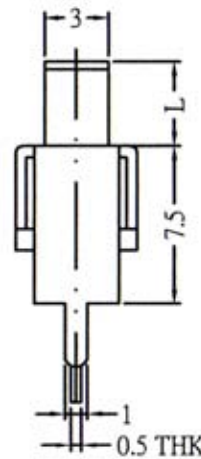
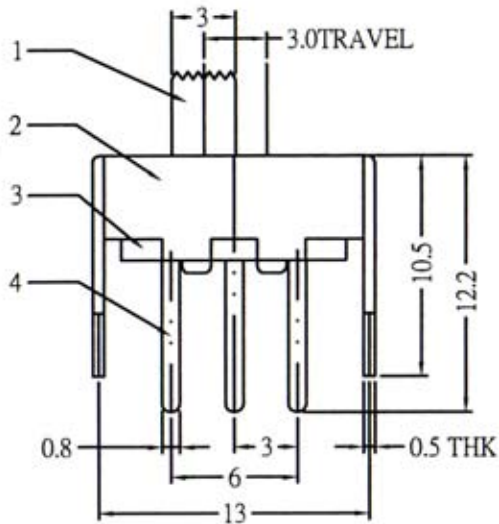
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

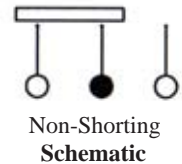
Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



L = 2 - 15



ORDERING INFORMATION:

P/N S W S 8 8 - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{x}{3}$ G x x

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (10)

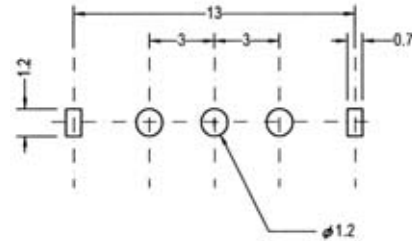
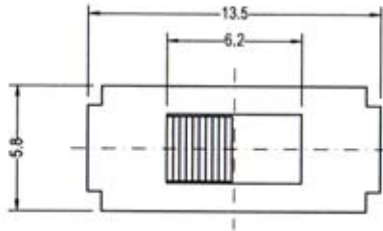


SPECIFICATIONS

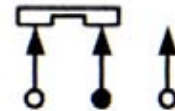
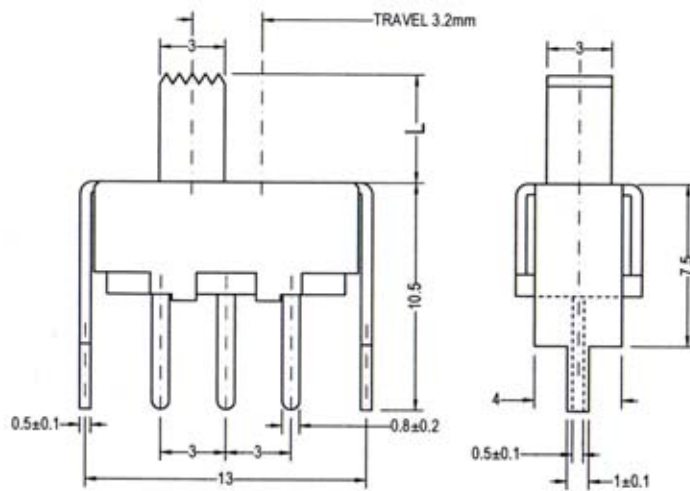
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 M - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (11)

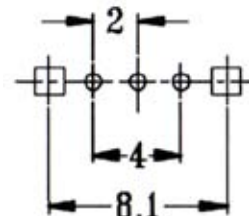
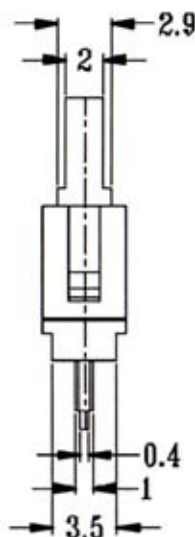
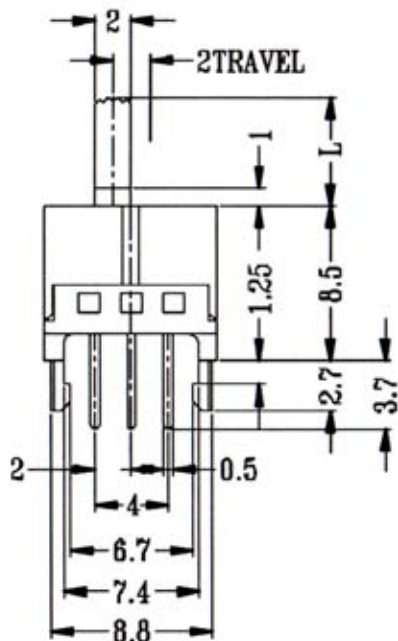
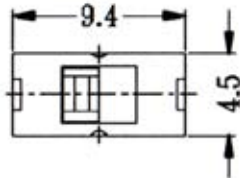


SPECIFICATIONS

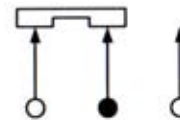
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 3 L - $\frac{x P x T G}{1 \quad 2 \quad 3} x x$

1. SWITCHING ACTION:
"1P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (12)

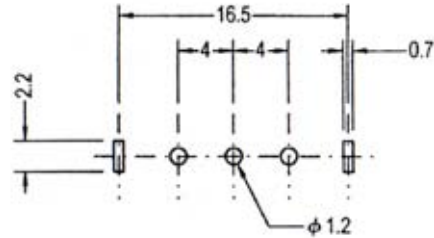
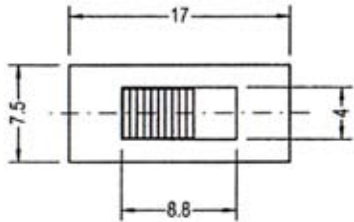


SPECIFICATIONS

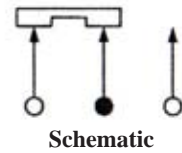
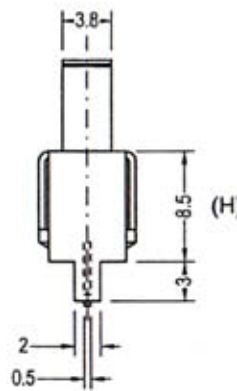
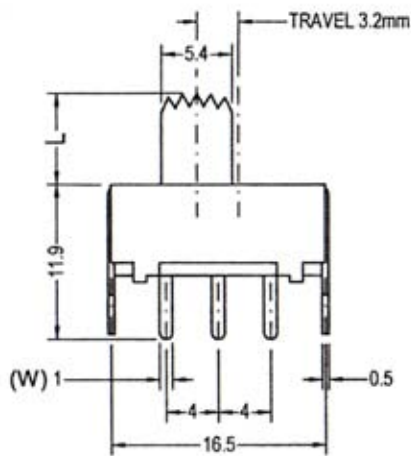
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



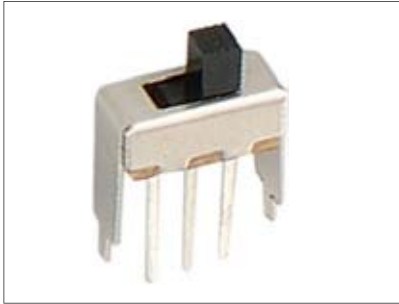
P/N	(H)	(W)
SWS71	8.5	1
SWS72	8	1
SWS73	11	0.9
SWS74	14	0.9
SWS75	14	1.3
SWS76	18	1.3
SWS77	12	1.3
SWS78	21	1.3

ORDERING INFORMATION:

P/N S W S $\frac{xx}{1}$ - $\frac{1P2T}{2}$ $\frac{G}{3}$ $\frac{xx}{4}$

- SWITCH TYPE:
71, 72, 73, 74, 75, 76, 77, 78
- SWITCHING ACTION:
"1P2T" ON-ON
- KNOB TYPE:
"G" TYPE G
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (13)

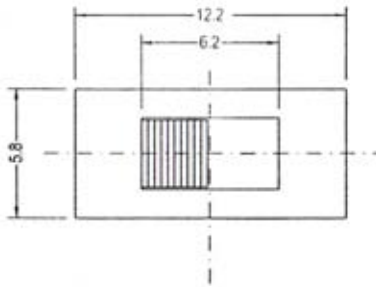


SPECIFICATIONS

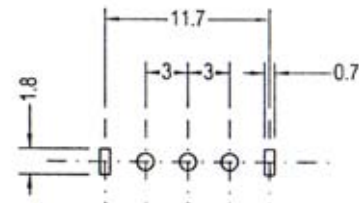
Circuit: ON-ON (1P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

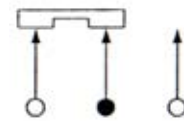
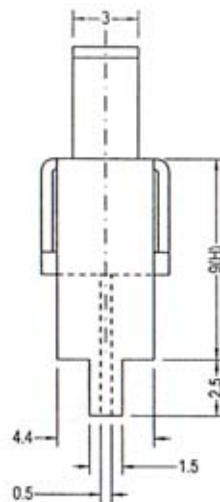
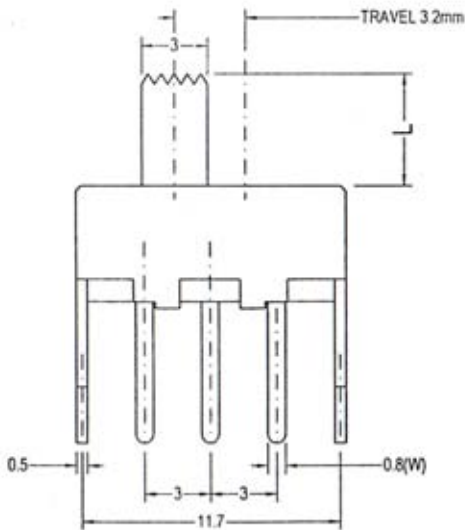
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



KNOB TYPE	
V	G



Recommended P.C.Board Layout



Schematic

P/N	(H)	(W)
SWS2M	14	1.3
SWS2N	11	0.8
SWS2P	14	0.8
SWS2Q	6	1.2
SWS2R	6	0.8
SWS2S	9	0.8
SWS2T	5.5	0.8
SWS2U	8	0.8

ORDERING INFORMATION:

P/N S W S $\frac{xx}{1}$ - $\frac{1P2T}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$

1. SWITCH TYPE:
2M, 2N, 2P, 2Q, 2R, 2S, 2T, 2U
2. SWITCHING ACTION:
"1P2T" ON-ON
3. KNOB TYPE:
"G" TYPE G
"V" TYPE V
4. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (14)

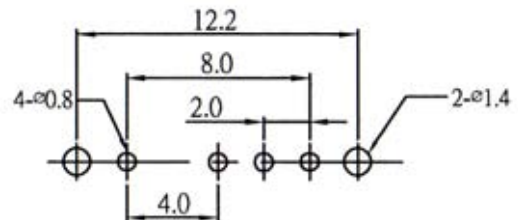
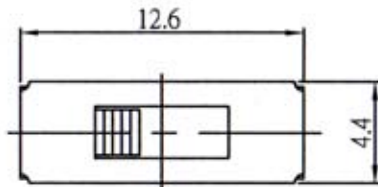


SPECIFICATIONS

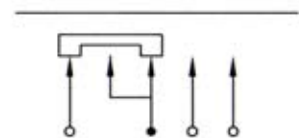
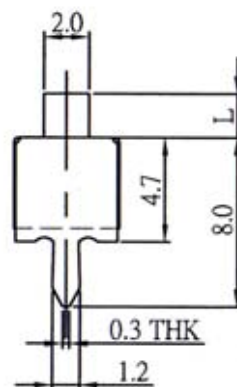
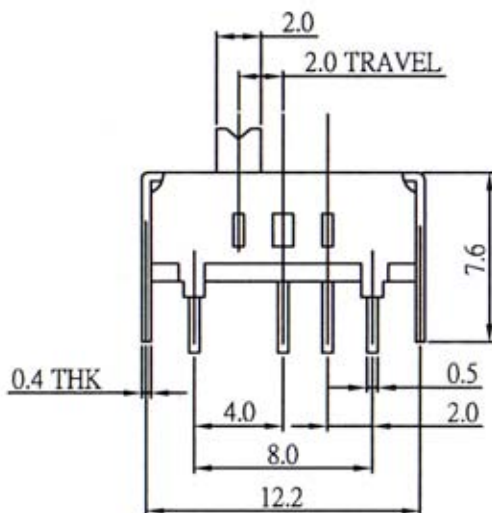
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100mΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 8 9 - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} x x$

- SWITCHING ACTION:
"1P3T" ON-ON-ON
- KNOB TYPE:
"G" TYPE G
"V" TYPE V
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (15)

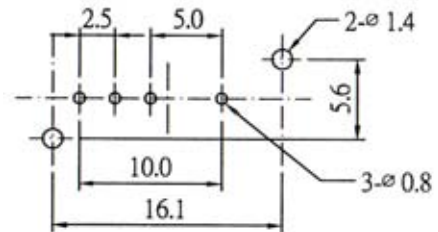
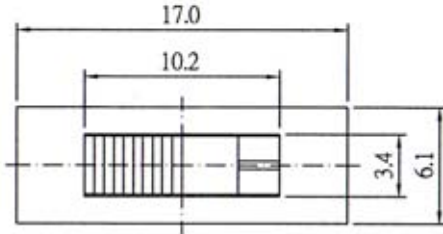


SPECIFICATIONS

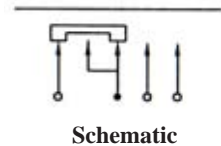
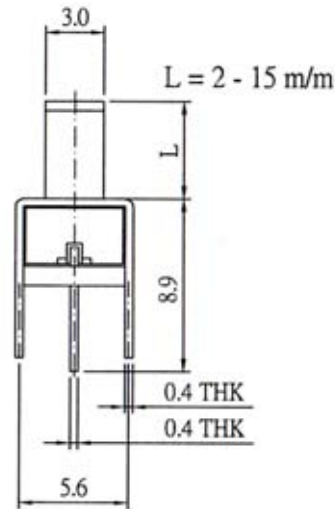
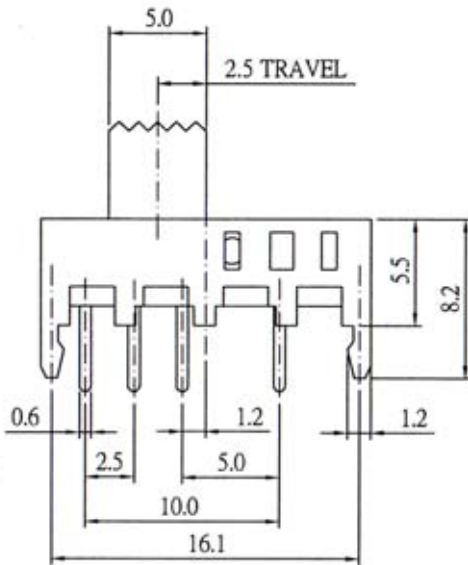
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 9 0 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (16)

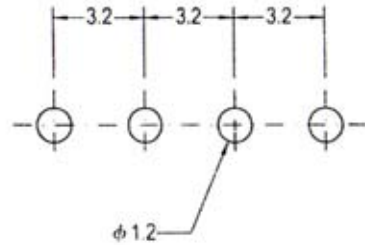
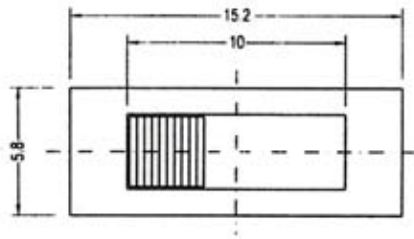


SPECIFICATIONS

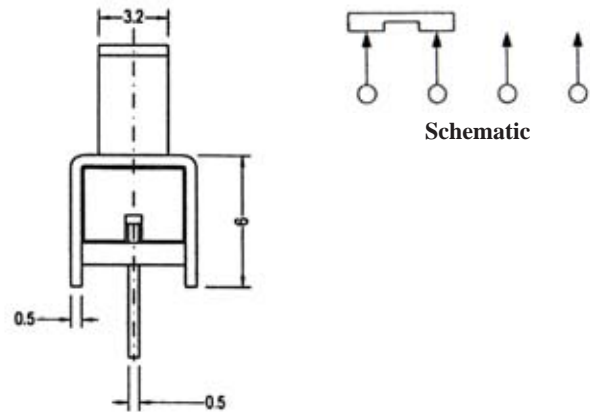
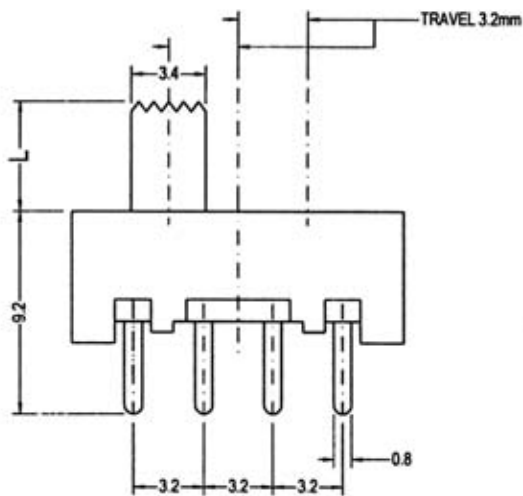
Circuit: ON-ON-ON (1P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 9 1 - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"1P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (17)

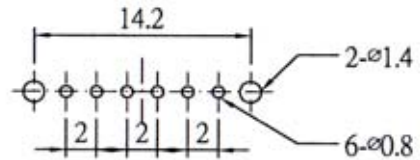
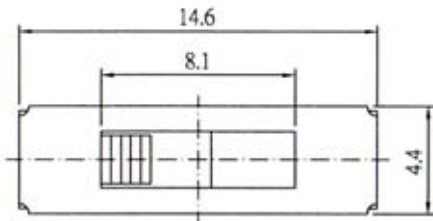


SPECIFICATIONS

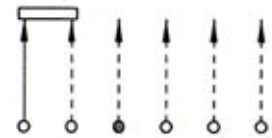
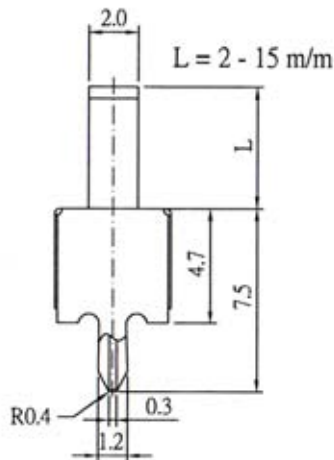
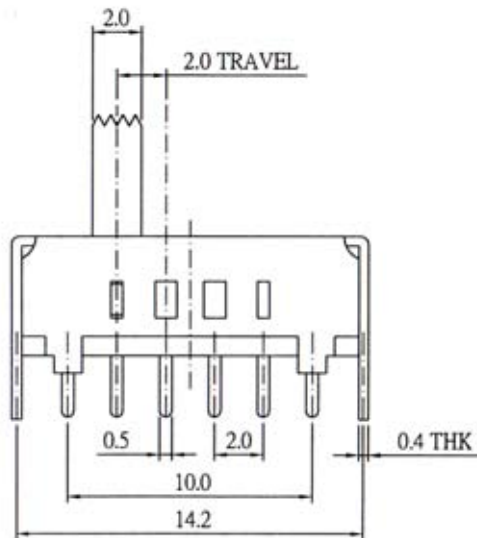
Circuit: ON-ON-ON-ON (1P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



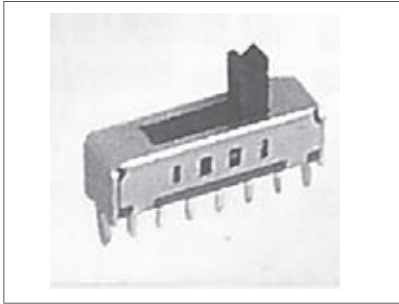
Shorting Schematic

ORDERING INFORMATION:

P/N S W S 9 2 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"1P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (18)

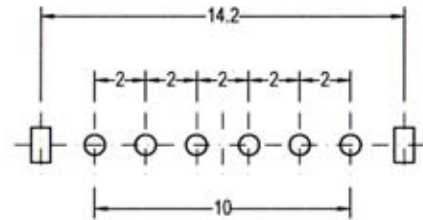
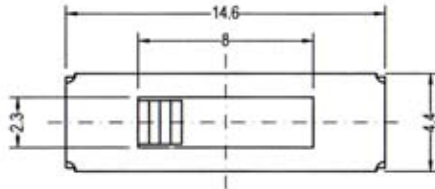


SPECIFICATIONS

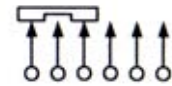
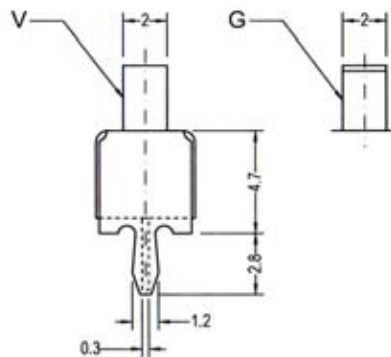
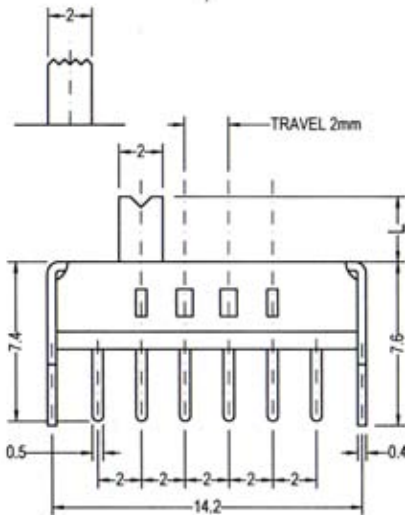
Circuit: ON-ON-ON-ON (1P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring Plate: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



Schematic

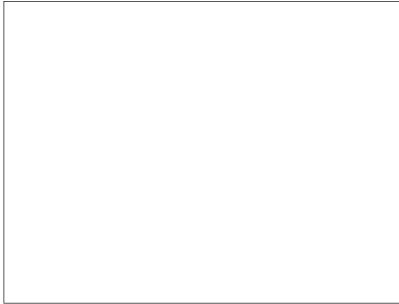
KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 Z - $\frac{x P x T}{1} \frac{x x x}{2 3}$

- SWITCHING ACTION:
"1P4T" ON-ON-ON-ON
- KNOB TYPE:
"G" TYPE G
"V" TYPE V
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (19)

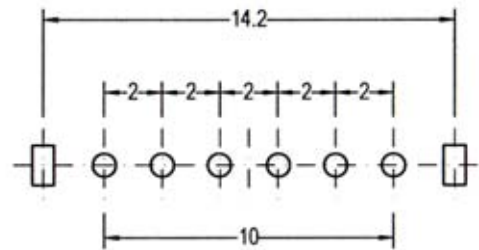
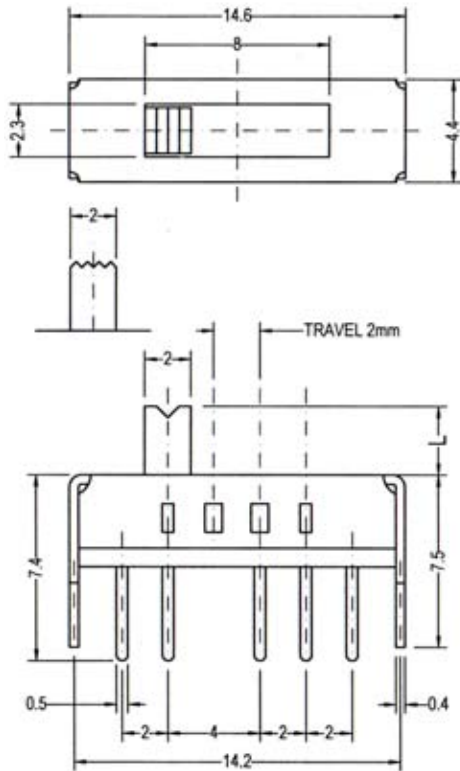


SPECIFICATIONS

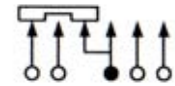
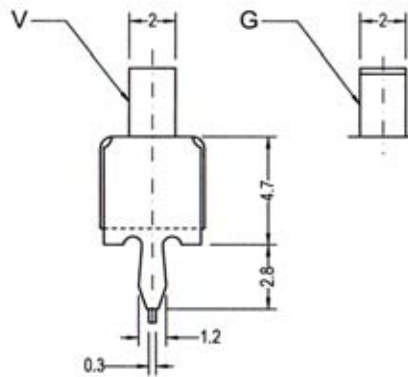
Circuit: ON-ON-ON-ON (1P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS C5210R-EH, Ag Clad
Spring Plate: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 N - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"1P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (20)



SPECIFICATIONS

Circuit: ON-ON-ON-ON-ON-ON (1P6T)

Rating: D.C. 50V 0.5A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Shorting

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

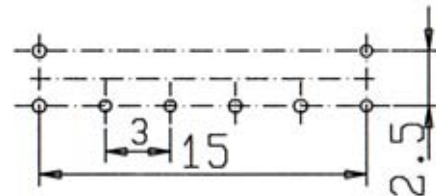
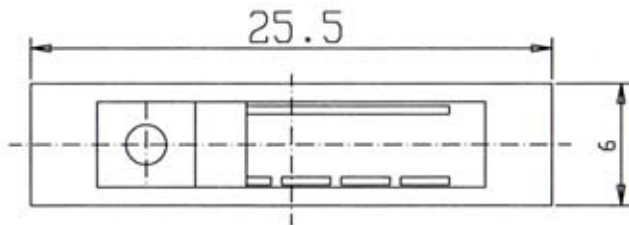
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

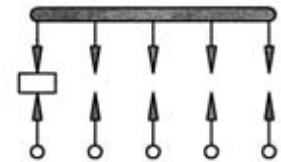
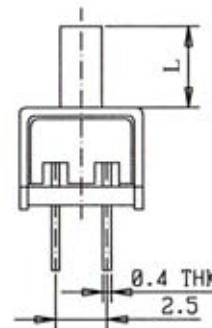
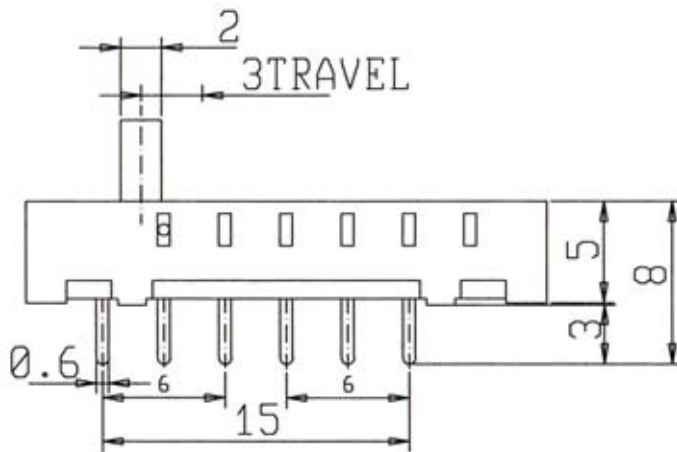
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 9 3 - $\frac{x}{1}$ P $\frac{x}{2}$ T F $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"1P6T" ON-ON-ON-ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (21)



SPECIFICATIONS

Circuit: ON-ON-ON-ON-ON-ON (1P6T)

Rating: D.C. 50V 0.5A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Operating force: 400 ± 150g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

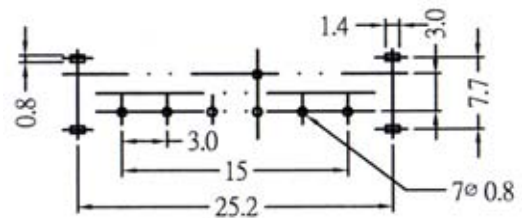
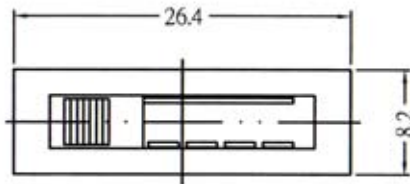
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

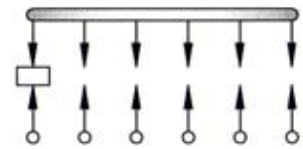
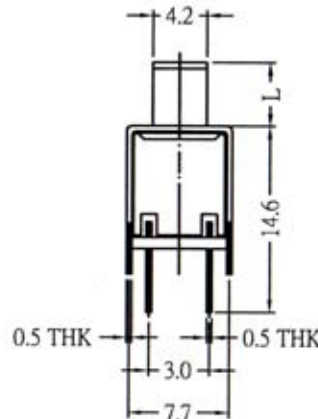
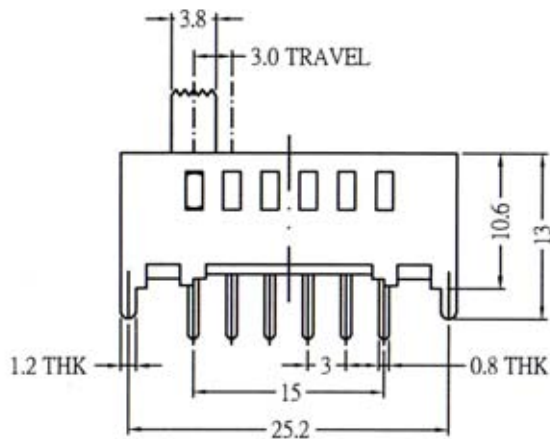
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 9 4 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{3} x$

1. SWITCHING ACTION:
"1P6T" ON-ON-ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (22)



SPECIFICATIONS

Circuit: ON-ON-ON-ON-ON-ON (1P6T)

Rating: D.C. 50V 0.5A

Contact R.[max]: 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Shorting

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

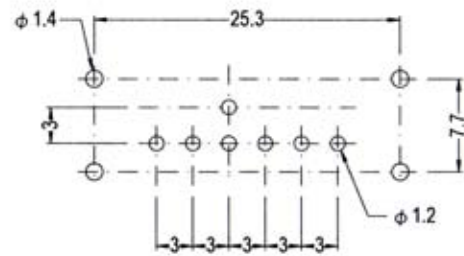
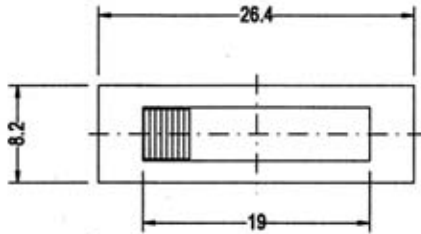
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

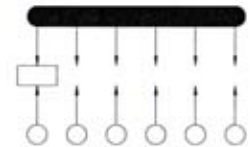
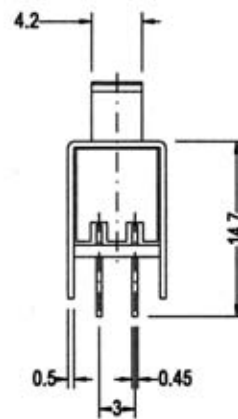
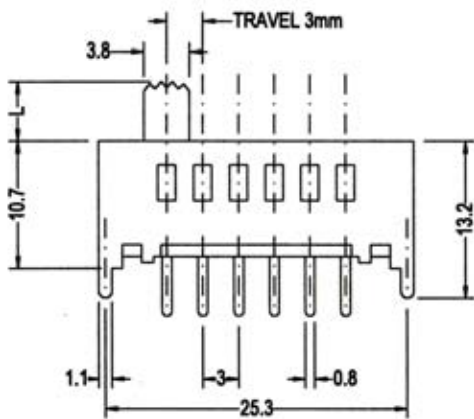
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 Z - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} x x$

1. SWITCHING ACTION:
"1P6T" ON-ON-ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (23)



SPECIFICATIONS

Circuit: ON-ON-ON-ON-ON-ON (1P7T)

Rating: D.C. 50V 0.5A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

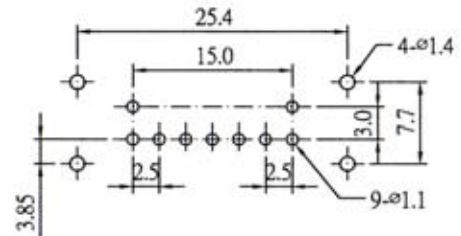
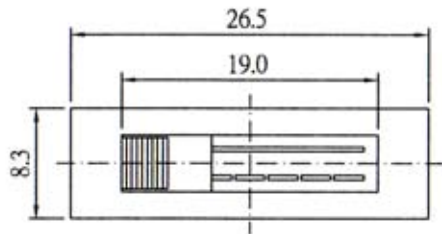
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

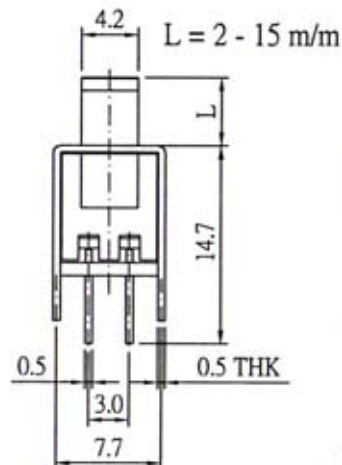
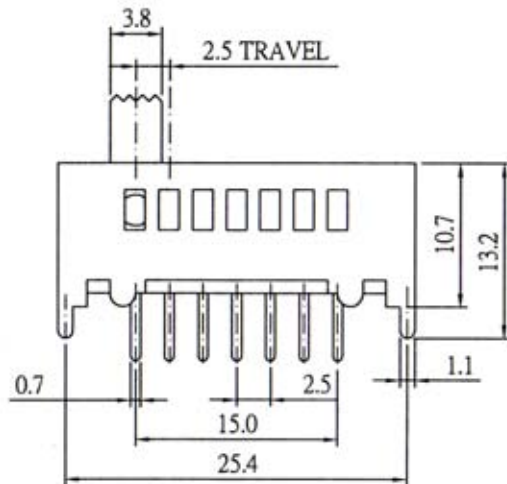
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 9 5 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} x x$

1. SWITCHING ACTION:
"1P7T" ON-ON-ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (24)

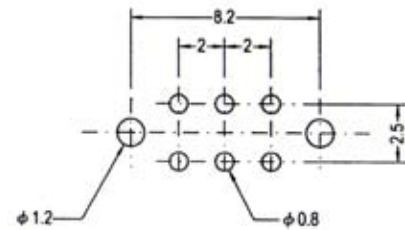
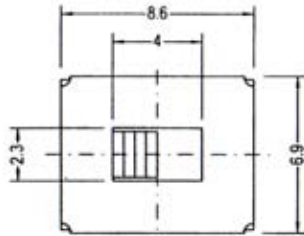


SPECIFICATIONS

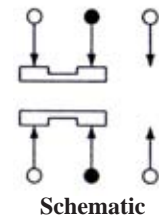
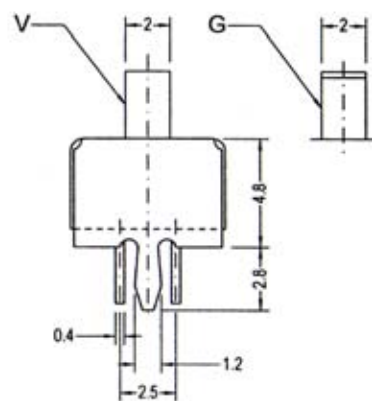
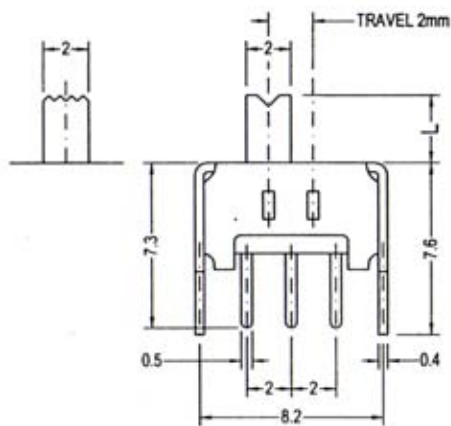
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 9 6 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (25)

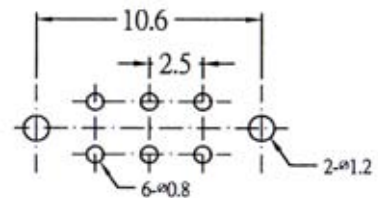
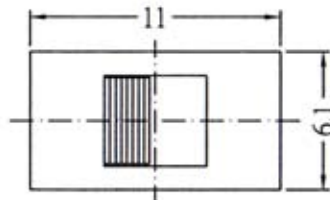


SPECIFICATIONS

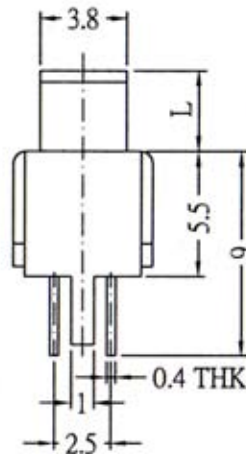
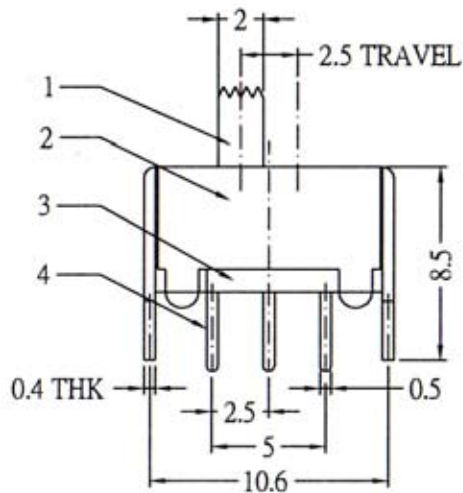
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

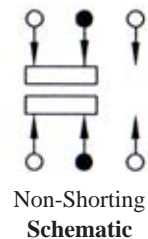
Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: SUS
Unit: mm



Recommended P.C.Board Layout



L = 2 - 15 m/m

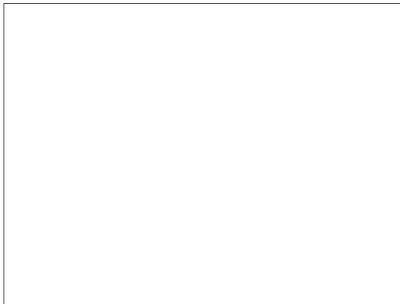


ORDERING INFORMATION:

P/N S W S 9 7 - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{3} x$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (26)

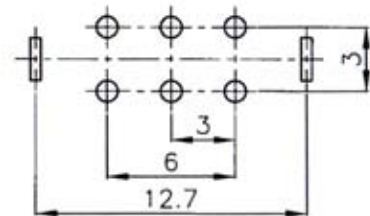
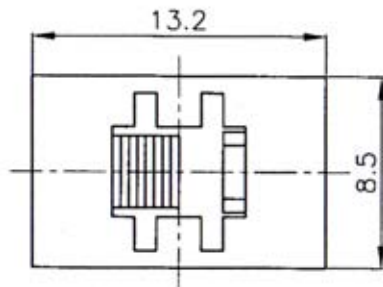


SPECIFICATIONS

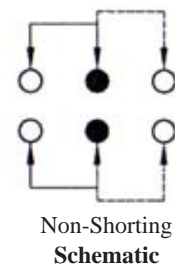
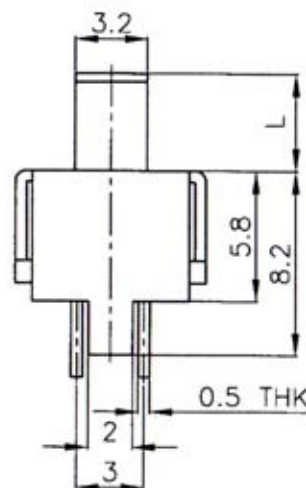
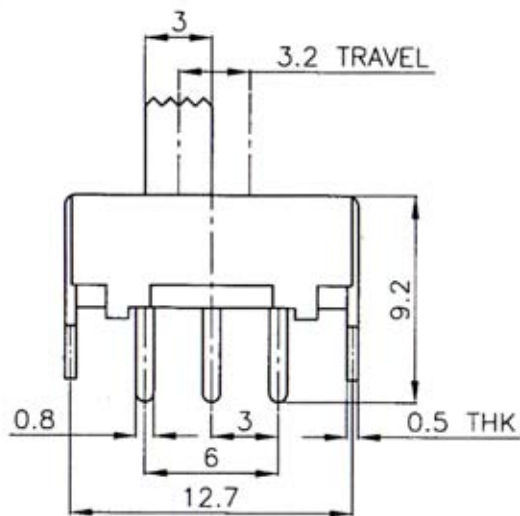
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Stainliss Steel, Ag Plated Over Ni Plated
Contact: Brass Strip, Ag Plated
Spring: Steel, Tempered
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 9 8 - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ X X

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (27)

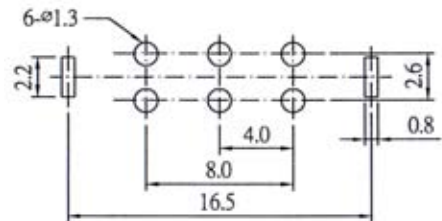
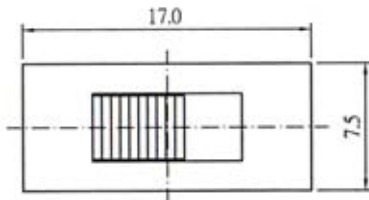


SPECIFICATIONS

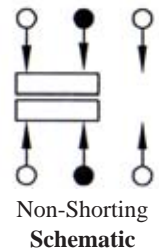
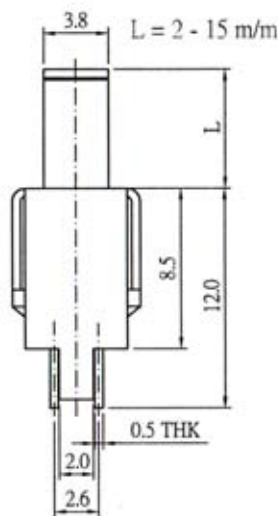
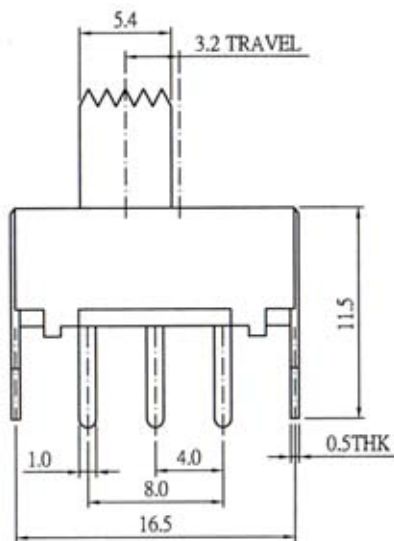
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

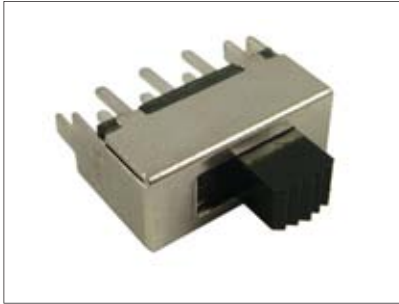


ORDERING INFORMATION:

P/N S W S 1 A - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (28)

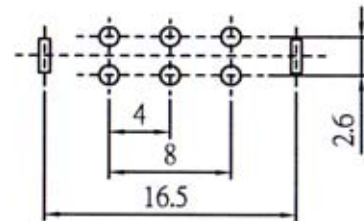
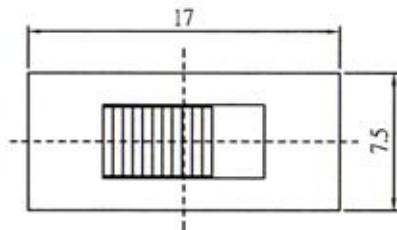


SPECIFICATIONS

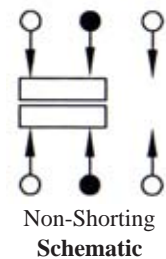
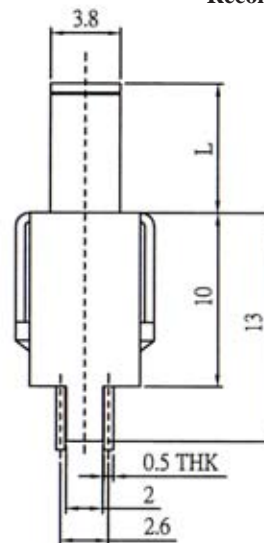
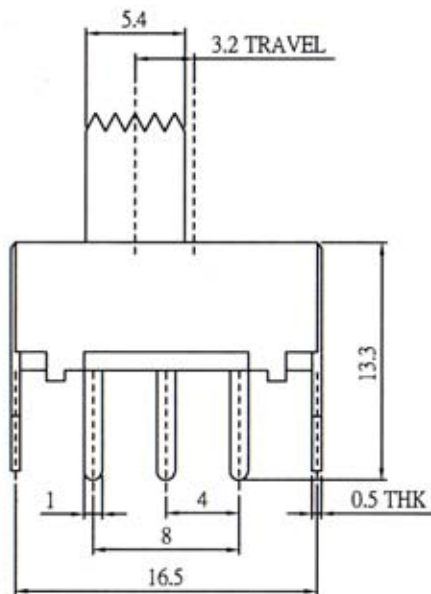
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 250 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 1 B - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (29)

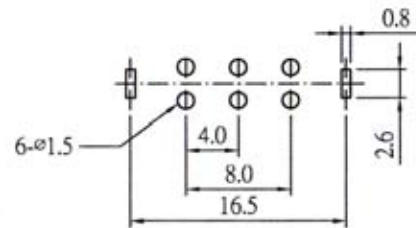
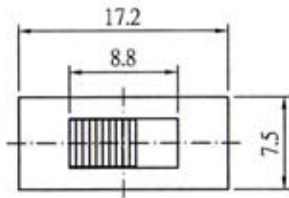


SPECIFICATIONS

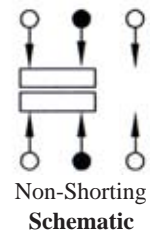
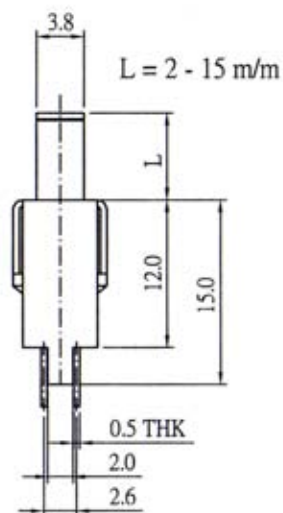
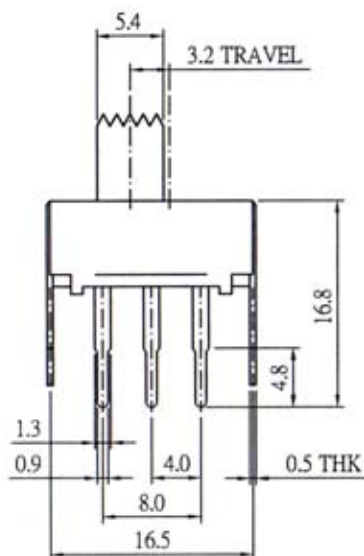
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N SWS1C - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{xx}{3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (30)

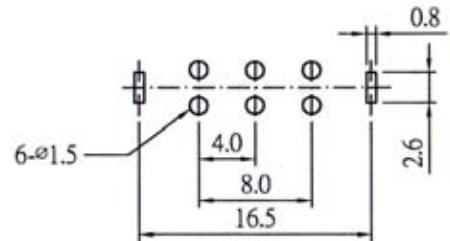
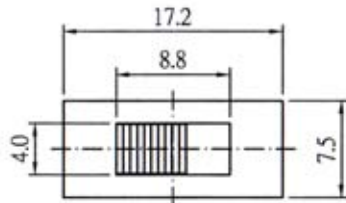


SPECIFICATIONS

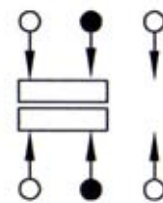
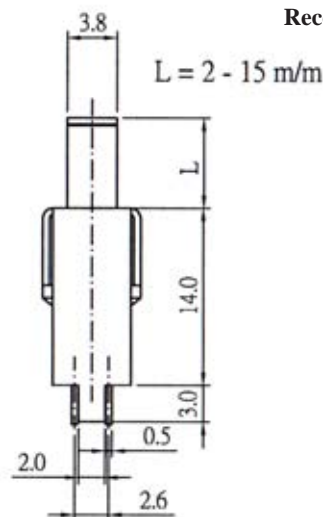
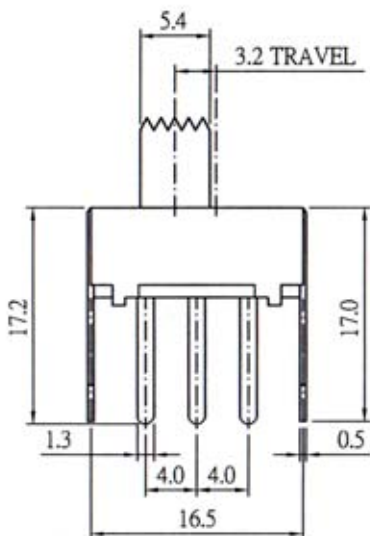
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 D - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (31)

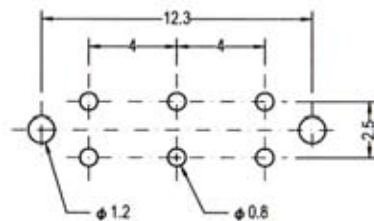
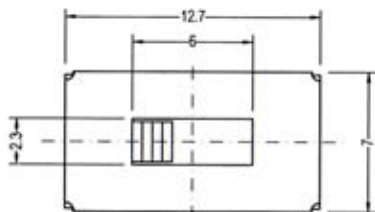


SPECIFICATIONS

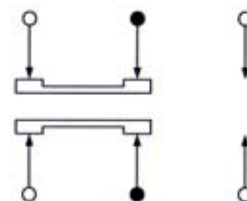
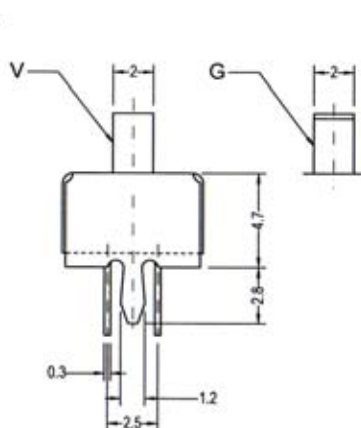
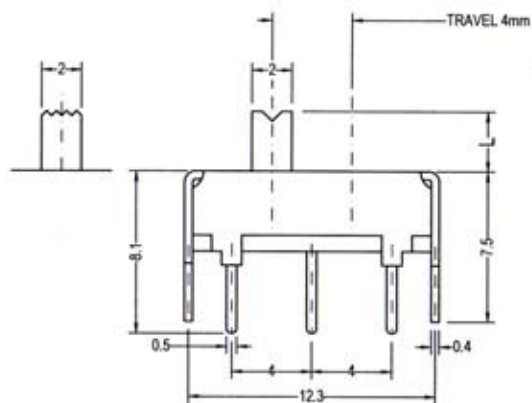
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Non-Shorting Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 Q - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (32)

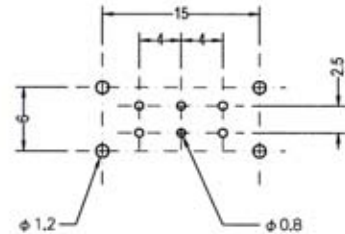
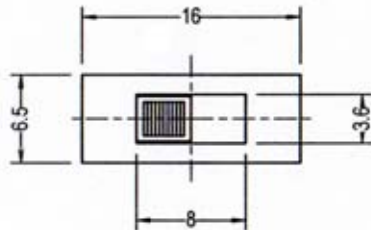


SPECIFICATIONS

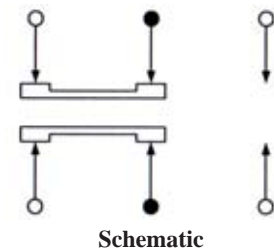
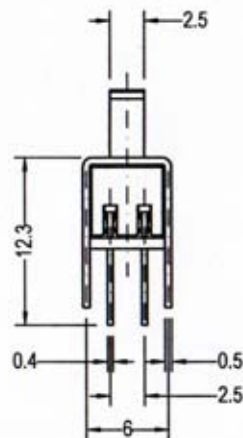
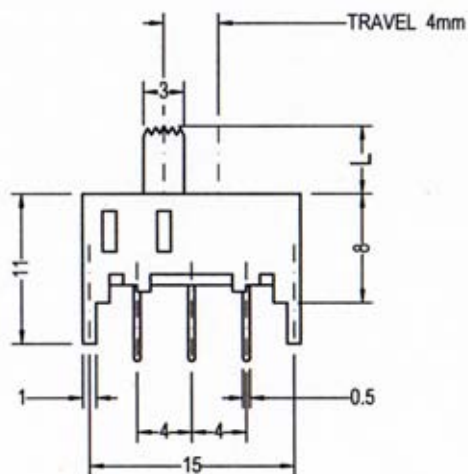
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Housing: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact Clip: PBS Strip, Ag Clad
Spring: Stainless Steel, Tempered
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 3 P - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (33)

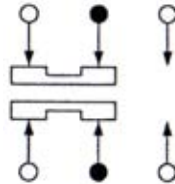
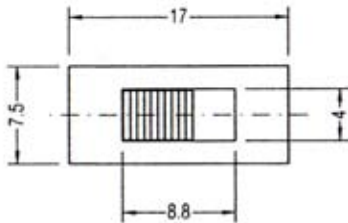


SPECIFICATIONS

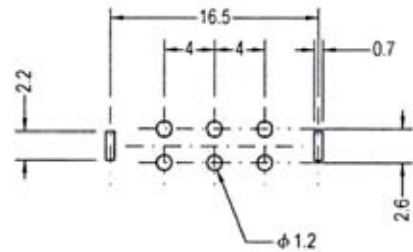
Circuit: ON-ON (2P2T)
Rating: D.C. 50V 0.5A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

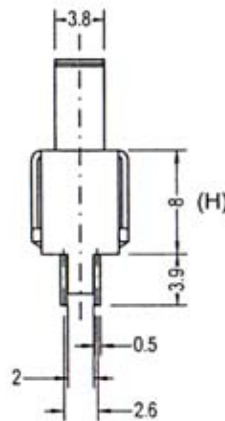
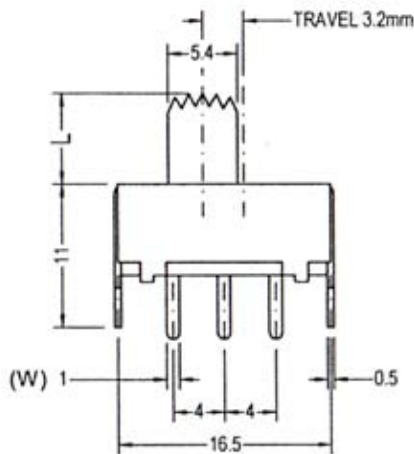
Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Schematic



Recommended P.C.Board Layout



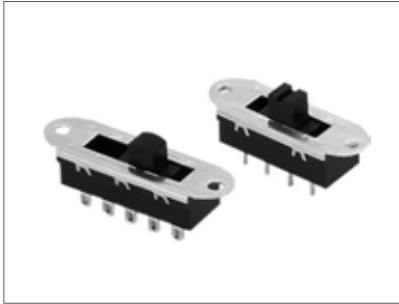
P/N	(H)	(W)
SWS2A	8	1.0
SWS2B	8.5	1.0
SWS2C	10	1.0
SWS2D	9.5	1.0
SWS2E	14	1.3
SWS2F	14	0.9
SWS2G	18	1.3
SWS2H	21	1.3
SWS2J	12	1.3
SWS2K	11	1.3
SWS2L	14	1.3

ORDERING INFORMATION:

P/N S W S $\frac{xx}{1}$ - $\frac{2 P 2 T G}{2}$ $\frac{xx}{3}$ $\frac{xx}{4}$

- SWITCH TYPE:
2A, 2B, 2C, 2D, 2E, 2F, 2G, 2H, 2J, 2K, 2L
- SWITCHING ACTION:
"2P2T" ON-ON
- KNOB TYPE:
"G" TYPE G
- KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (34)



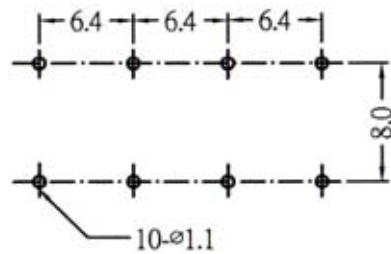
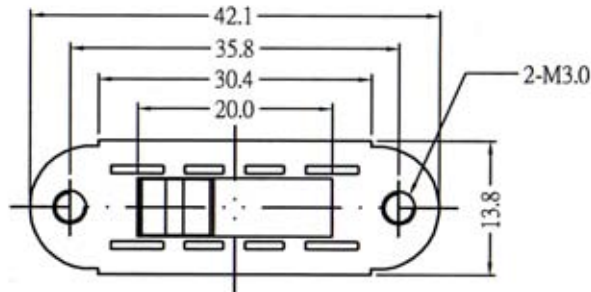
SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)
Rating: 3A 250VAC/6A 125VAC
Contact R.[max]: D.C. 5V 1A 50mΩ
Insulation R.[min]: D.C. 500V 500MΩ
Withstand VOL.: A.C. 1500V 1minute
Operating force: 500 ± 200g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

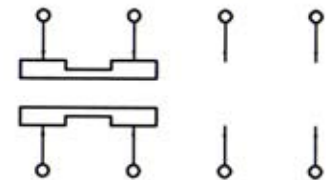
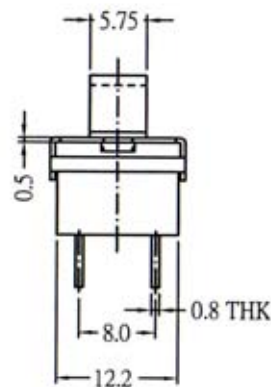
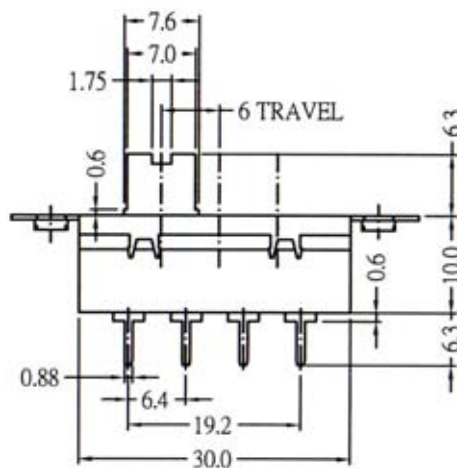


MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 7 0 - $\frac{x P x T F 6 C}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"6C" 6.3MM

SLIDE SWITCHES STRAIGHT DIP TYPES (35)

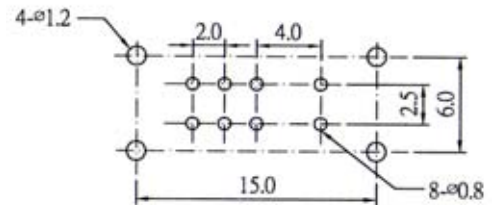
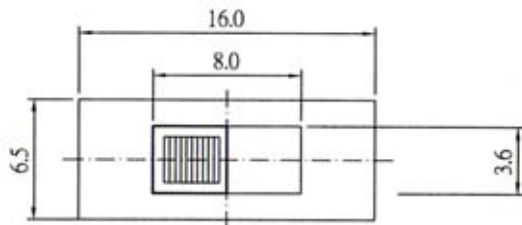


SPECIFICATIONS

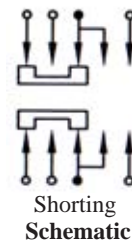
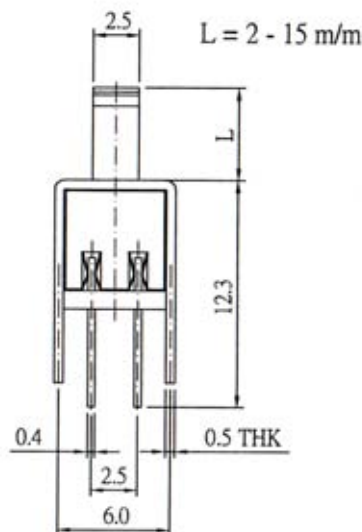
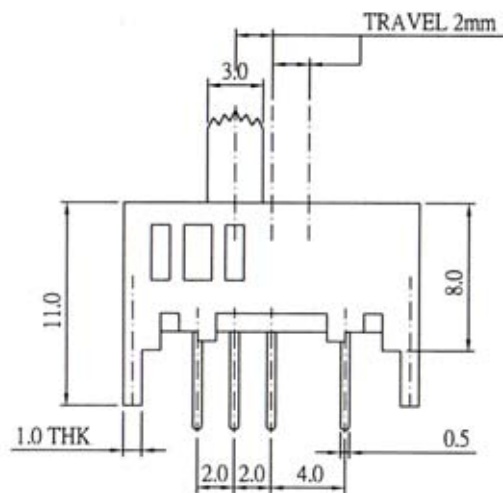
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout

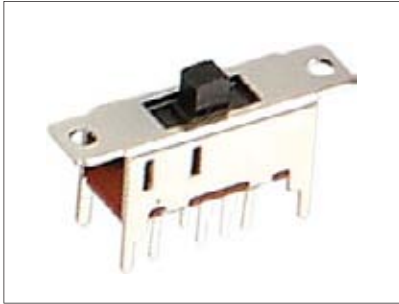


ORDERING INFORMATION:

P/N S W S 1 E - $\frac{x P x T G}{1 \quad 2 \quad 3} x x$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (36)

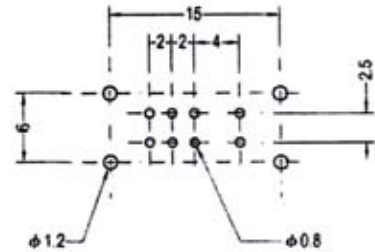
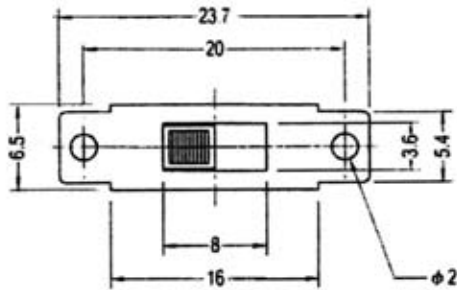


SPECIFICATIONS

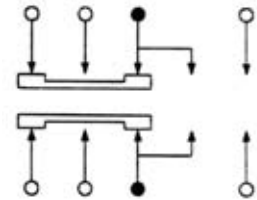
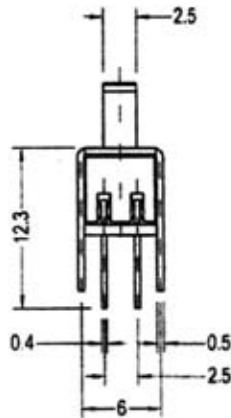
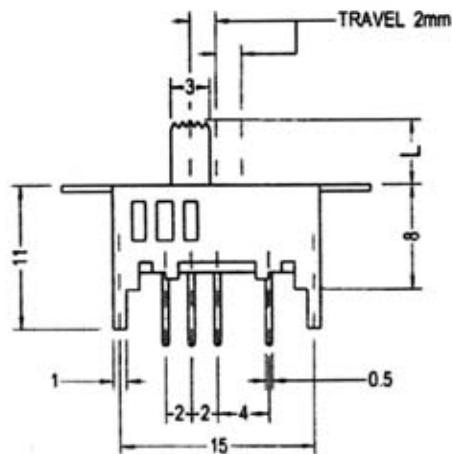
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 1 F - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (37)

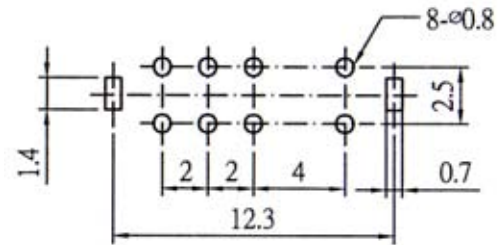
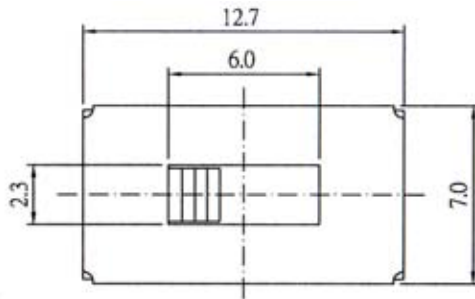


SPECIFICATIONS

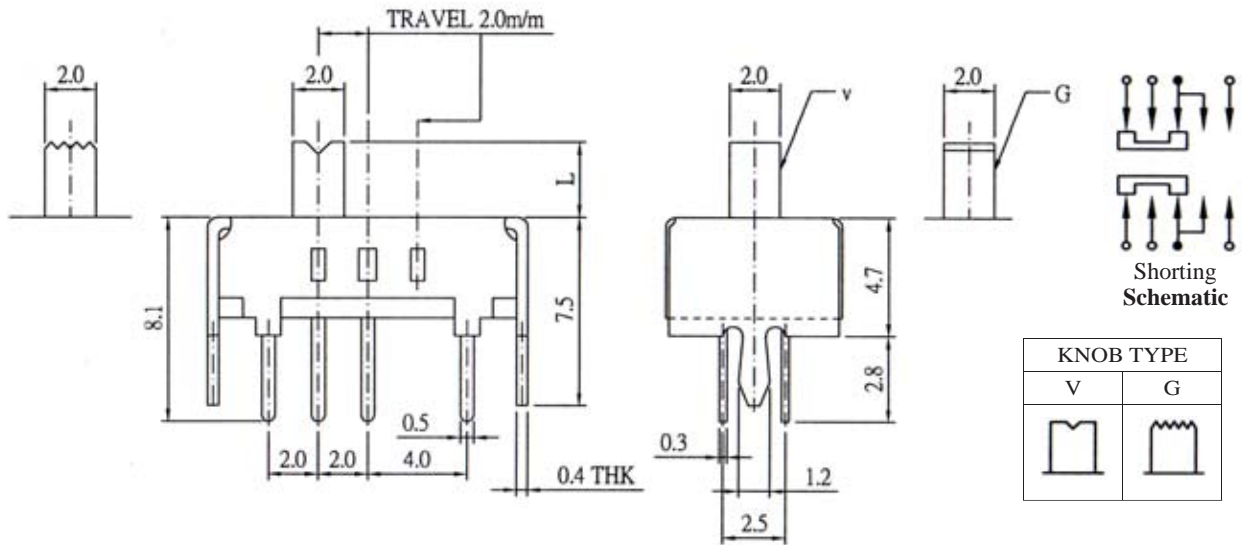
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 G - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (38)

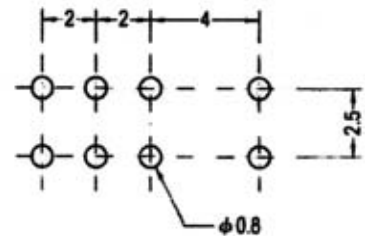
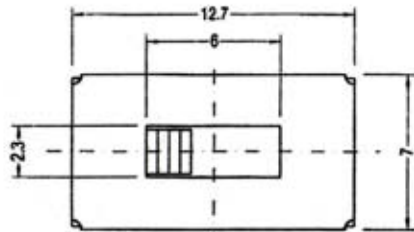


SPECIFICATIONS

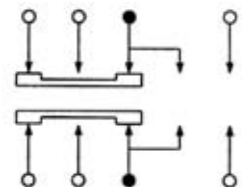
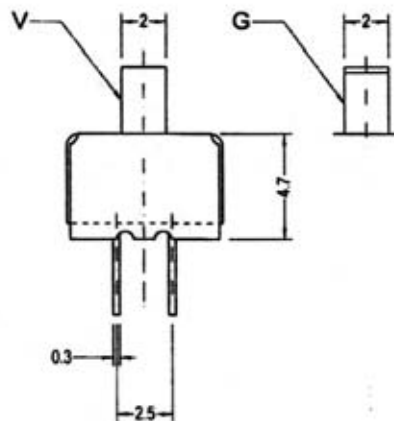
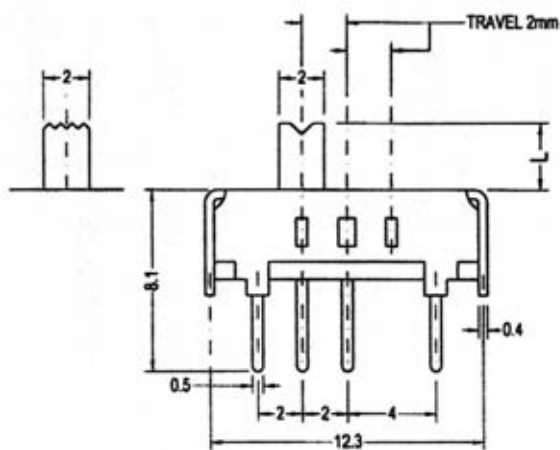
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 H - $\frac{x P x T x x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (39)

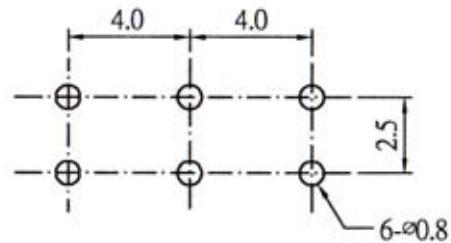
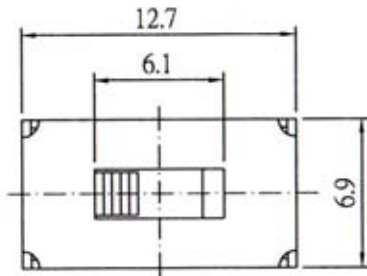


SPECIFICATIONS

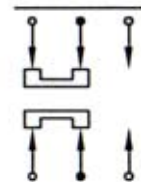
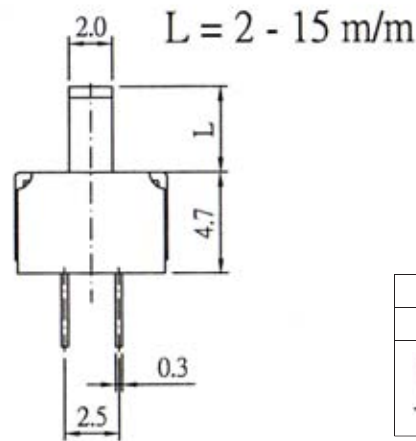
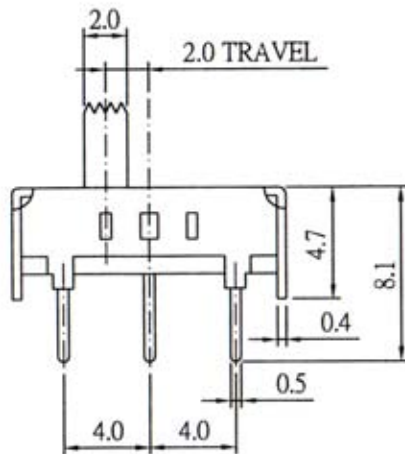
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 150g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 K - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{x}{x}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (40)

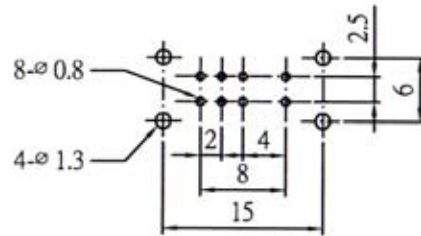
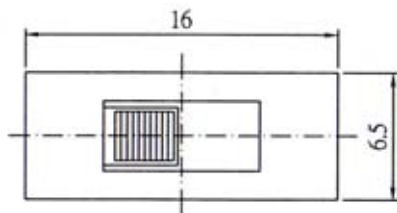


SPECIFICATIONS

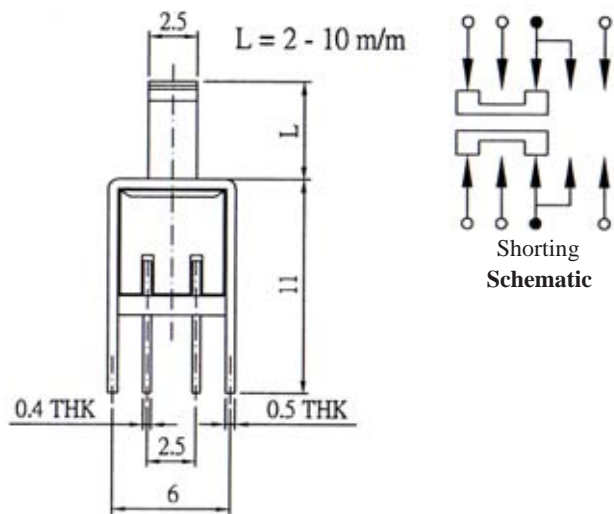
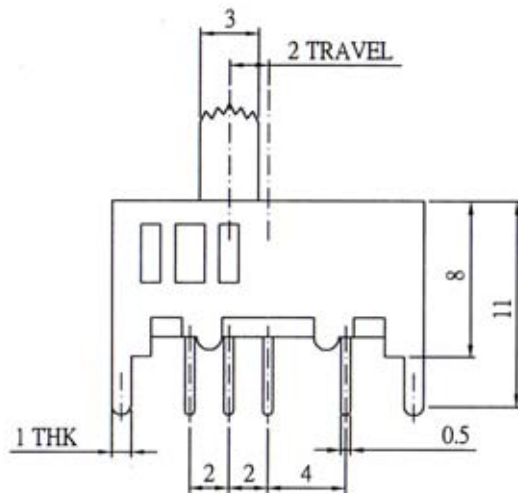
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 5V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 1 L - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES STRAIGHT DIP TYPES (41)

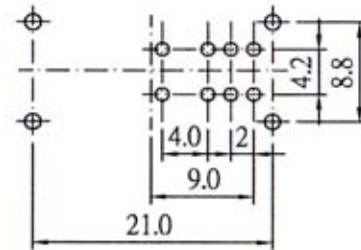
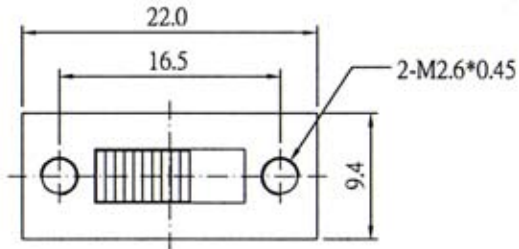


SPECIFICATIONS

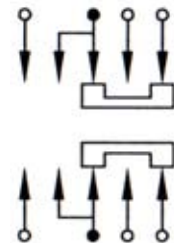
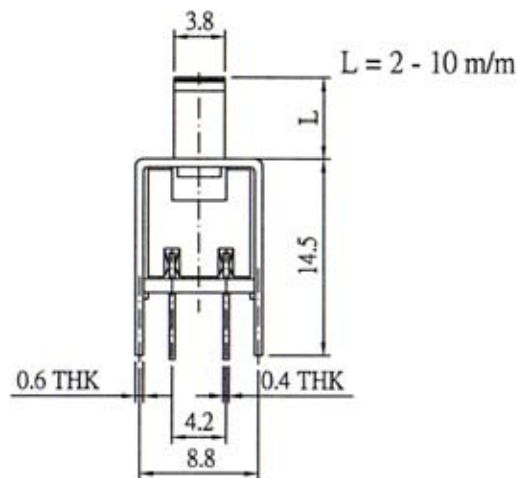
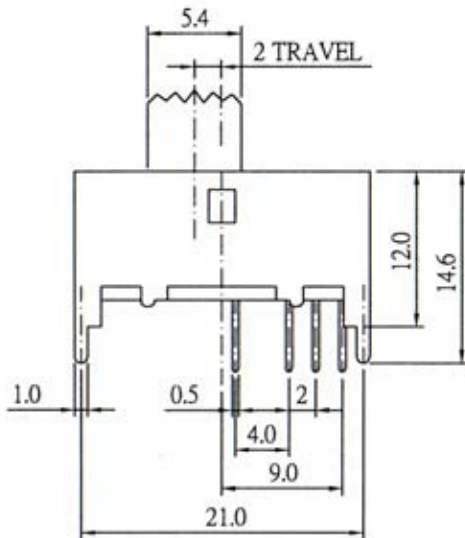
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 M - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES STRAIGHT DIP TYPES (42)



SPECIFICATIONS

Circuit: ON-ON-ON (2P3T)

Rating: D.C. 50V 0.3A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Operating force: 300 ± 100gf

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

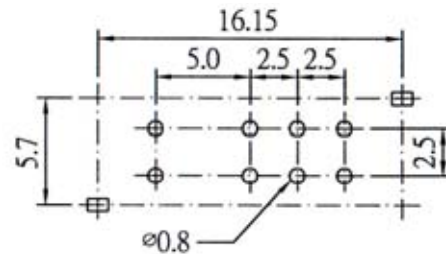
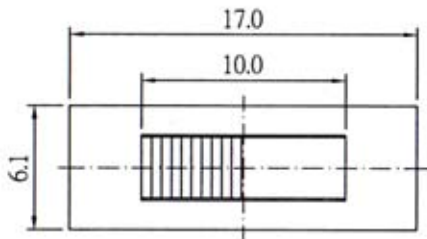
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

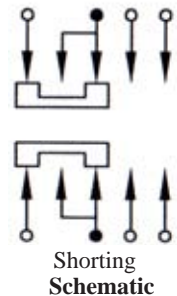
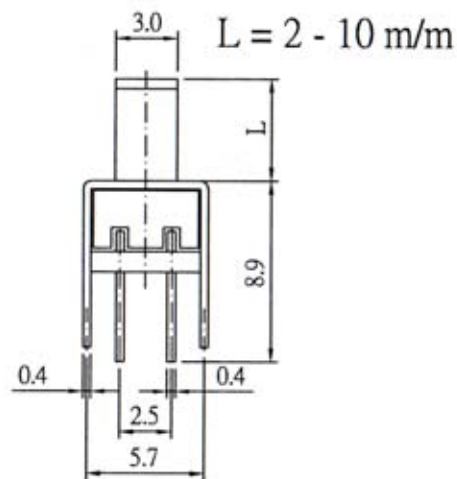
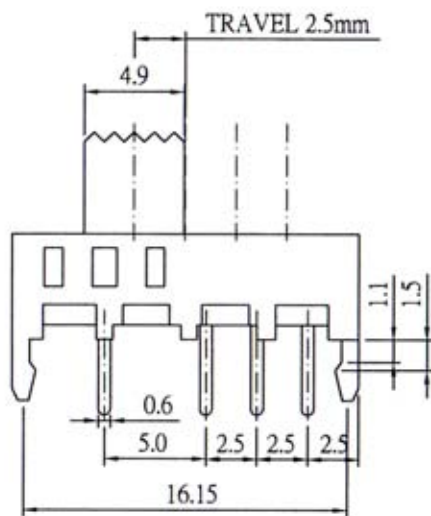
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 N - $\frac{x P x T G}{1 \quad 2 \quad 3} x x$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES STRAIGHT DIP TYPES (43)

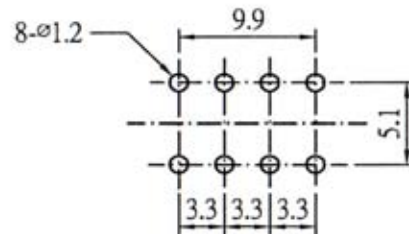
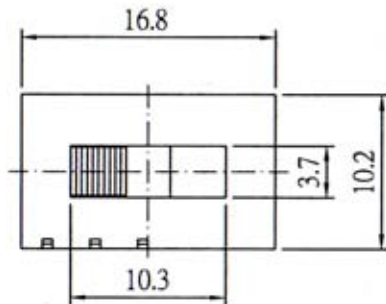


SPECIFICATIONS

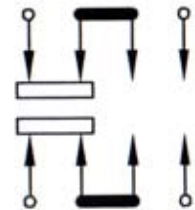
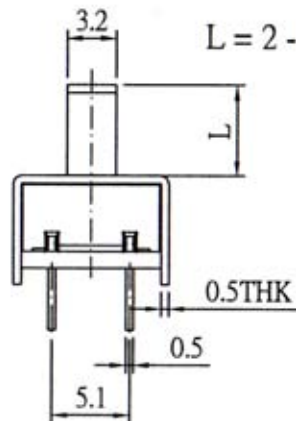
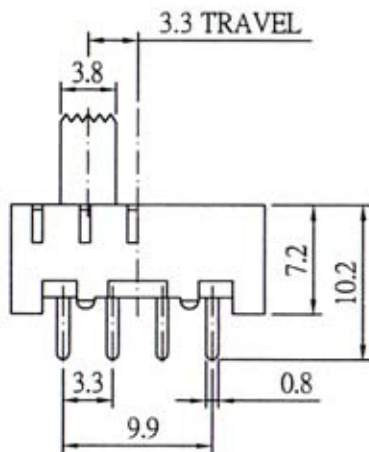
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 1 P - $\frac{x}{1}$ P $\frac{x}{2}$ T $\frac{G}{3}$ $\frac{x}{x}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (44)

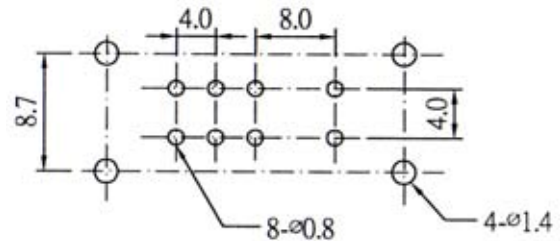
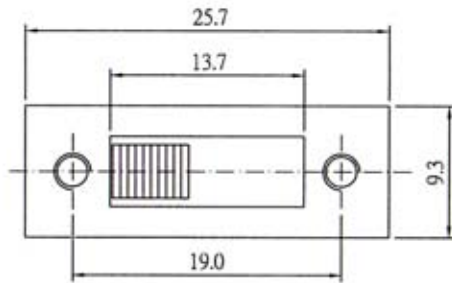


SPECIFICATIONS

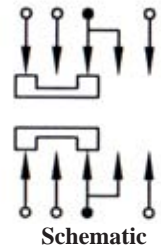
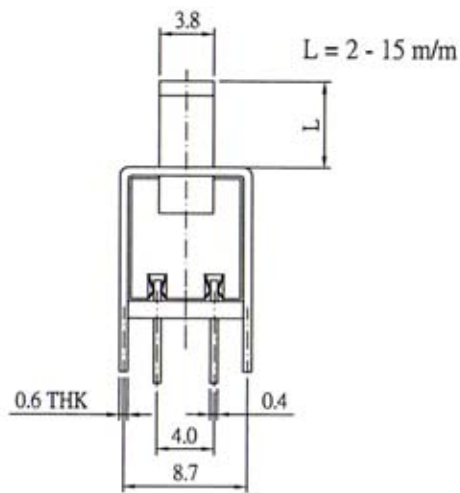
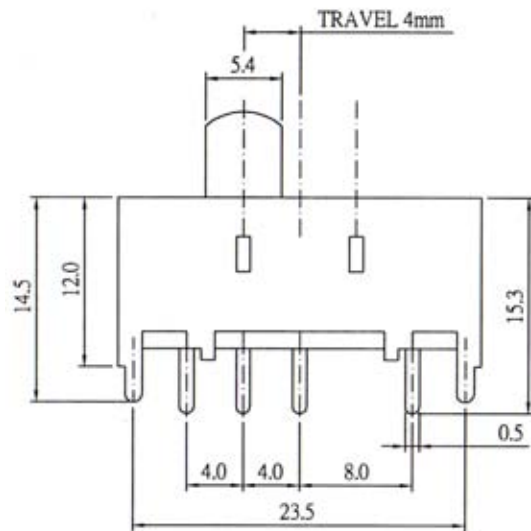
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 1 Q - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"R" TYPE R
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (45)

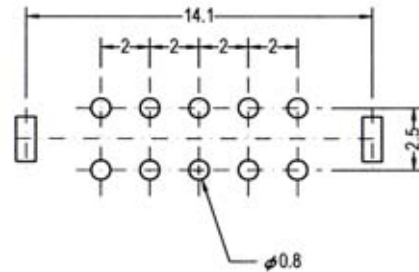
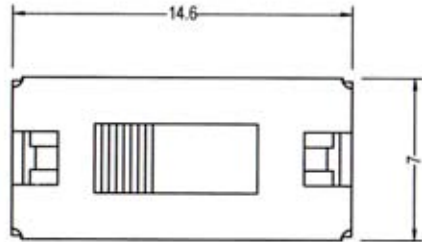


SPECIFICATIONS

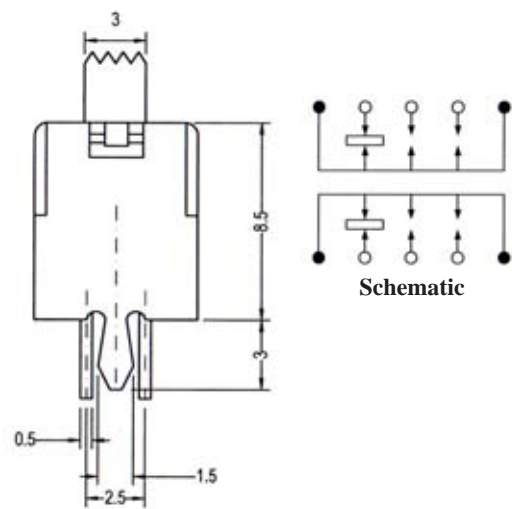
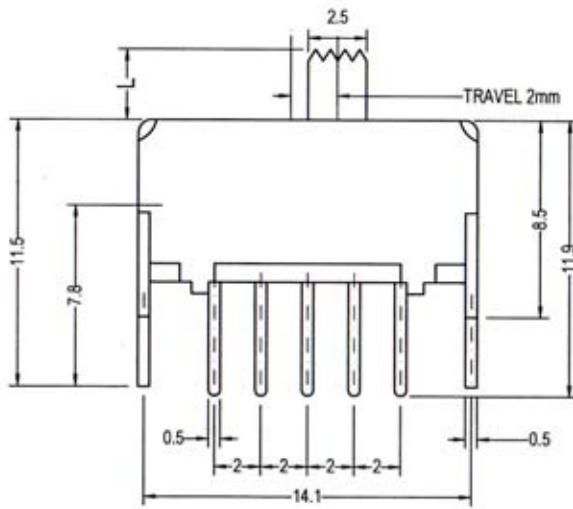
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N S W S 3 S - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (46)

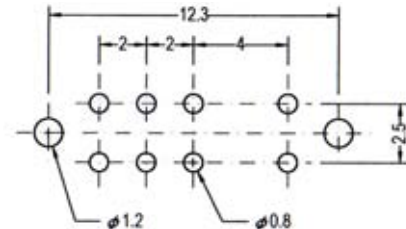
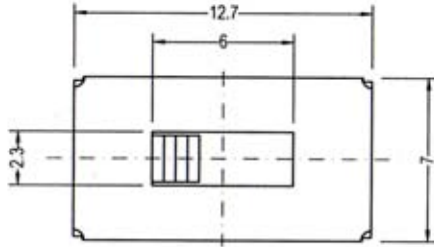


SPECIFICATIONS

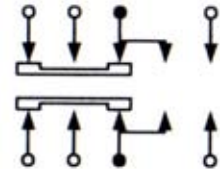
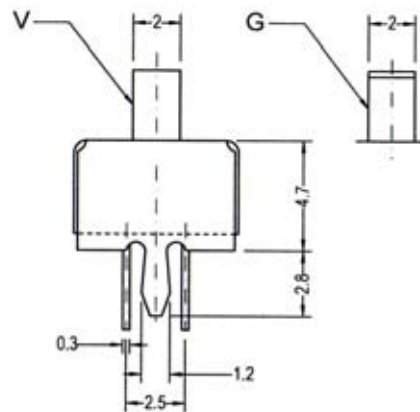
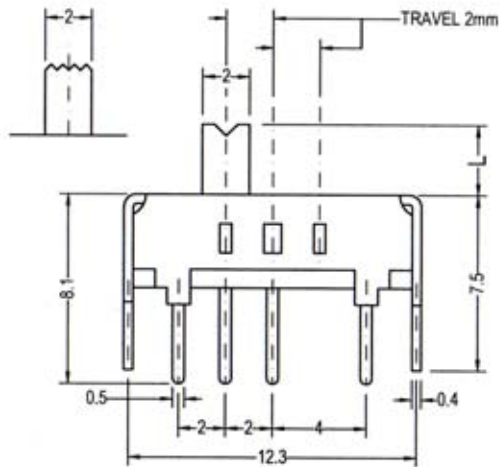
Circuit: ON-ON-ON (2P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: PBS C5210R-EH, Ag Clad
Spring: Stainless Steel
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 3 R - $\frac{x}{1} P \frac{x}{2} T \frac{x}{3} x x$

1. SWITCHING ACTION:
"2P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (47)



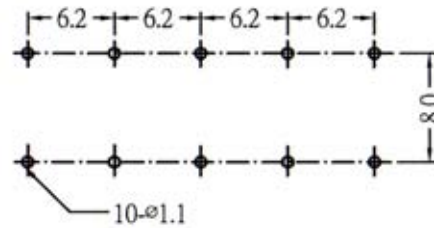
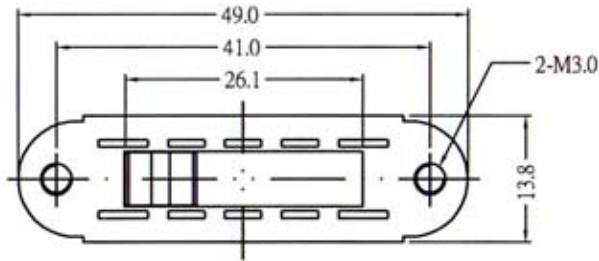
SPECIFICATIONS

Circuit: ON-ON-ON-ON (2P4T)
Rating: 3A 250VAC/6A 125VAC
Contact R.[max]: D.C. 5V 1A 50mΩ
Insulation R.[min]: D.C. 500V 500MΩ
Withstand VOL.: A.C. 1500V 1minute
Operating force: 500 ± 200g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

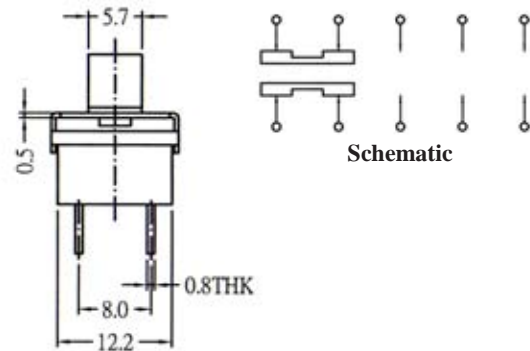
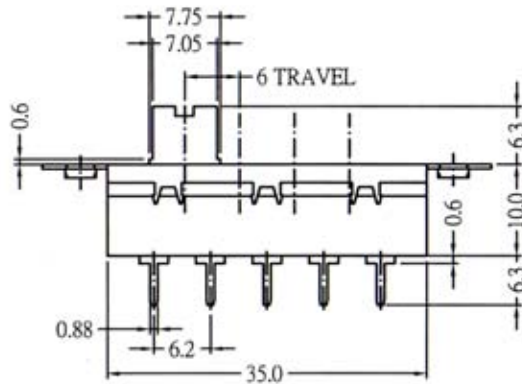


MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



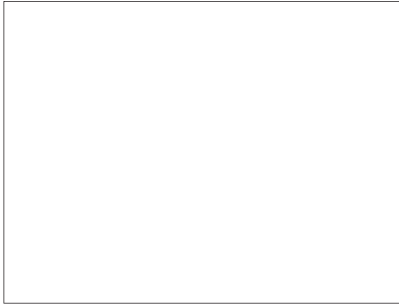
Schematic

ORDERING INFORMATION:

P/N S W S 8 0 - $\frac{x}{1}$ P $\frac{x}{2}$ T F $\frac{6}{3}$ C

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"F" TYPE F
3. KNOB LENGTH (L IN MM):
"6C" 6.3MM

SLIDE SWITCHES STRAIGHT DIP TYPES (48)

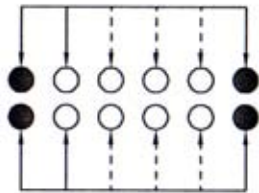
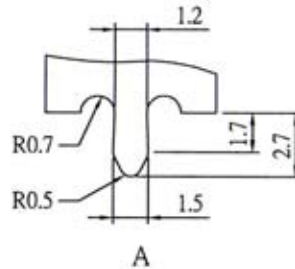


SPECIFICATIONS

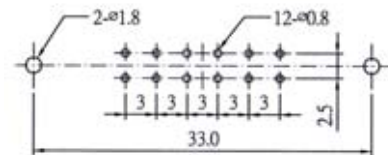
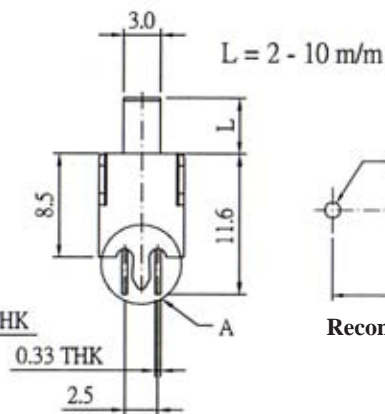
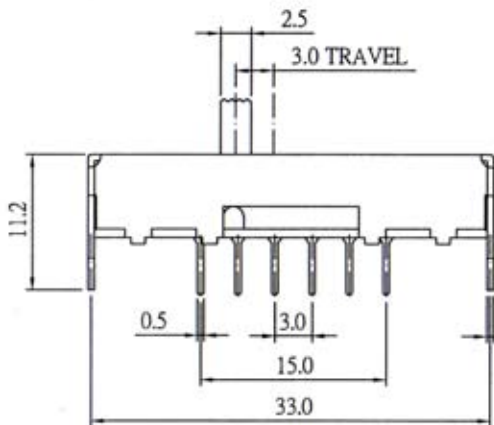
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 30V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 1500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Shorting
Schematic



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N S W S 1 R - $\frac{x}{1}$ P $\frac{x}{2}$ T G $\frac{x}{3}$ x x

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES STRAIGHT DIP TYPES (49)

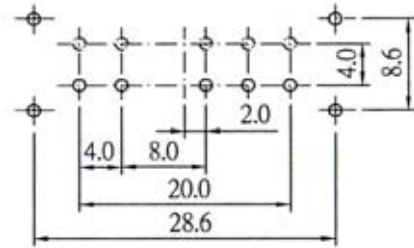
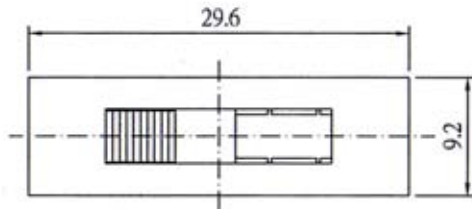


SPECIFICATIONS

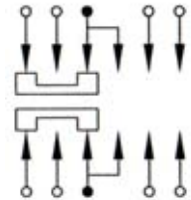
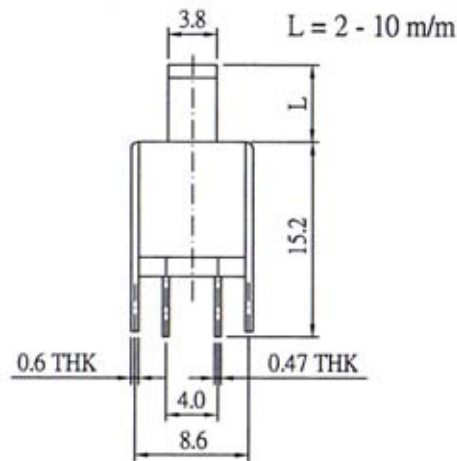
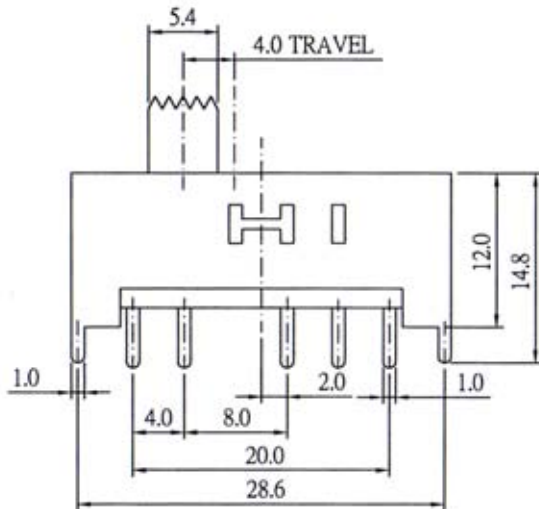
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 5V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 100,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 S - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~10

SLIDE SWITCHES STRAIGHT DIP TYPES (50)

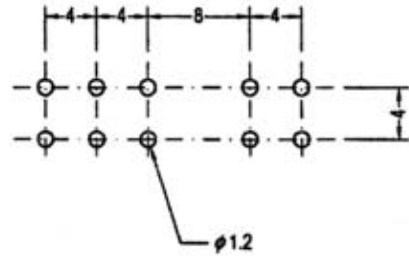
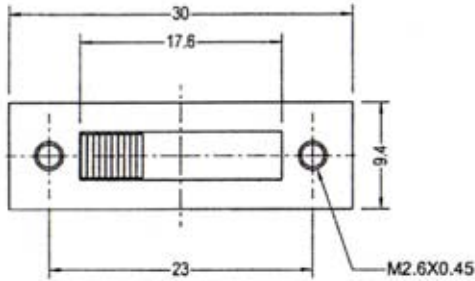


SPECIFICATIONS

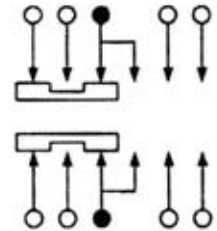
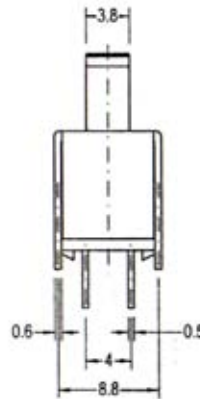
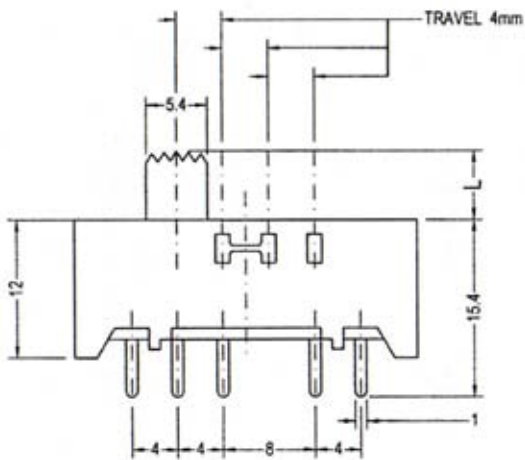
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 5V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



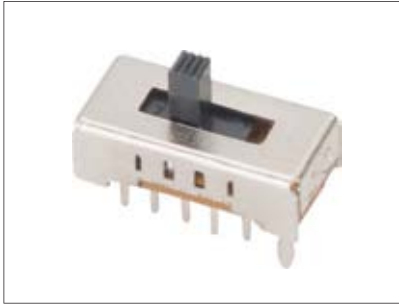
Schematic

ORDERING INFORMATION:

P/N S W S 1 T - $\frac{x P x T G}{1 \quad 2 \quad 3} x x$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (51)

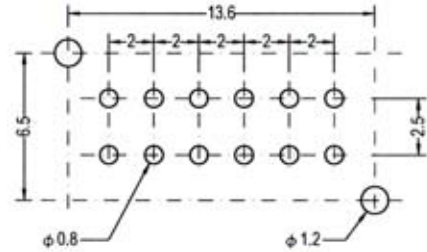
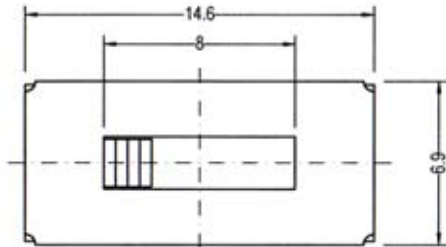


SPECIFICATIONS

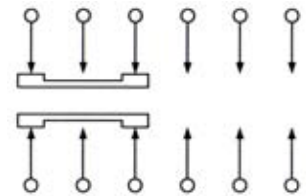
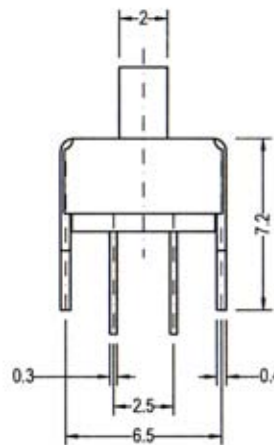
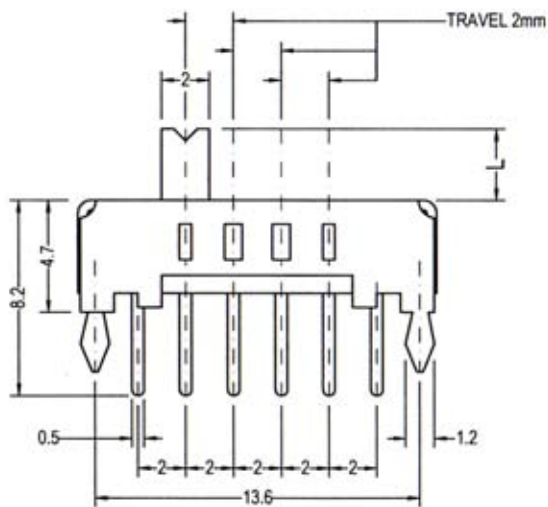
Circuit: ON-ON-ON-ON (2P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 3 T - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"2P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (52)

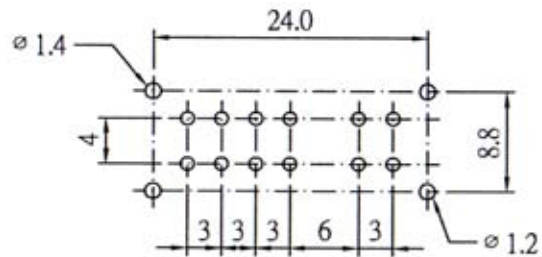
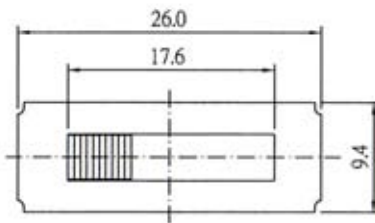


SPECIFICATIONS

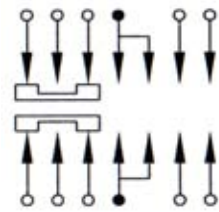
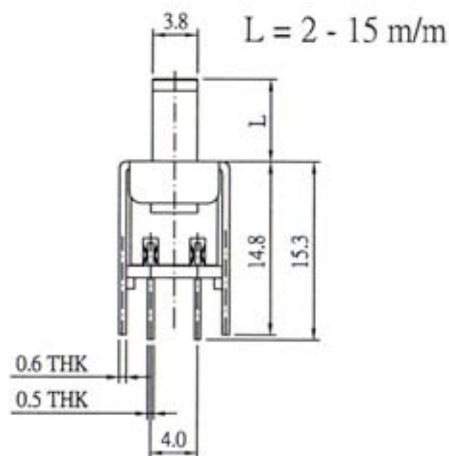
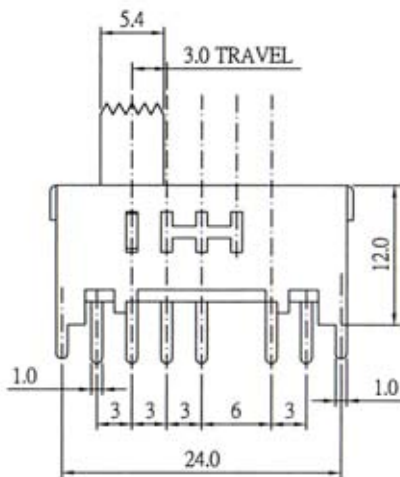
Circuit: ON-ON-ON-ON-ON (2P5T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



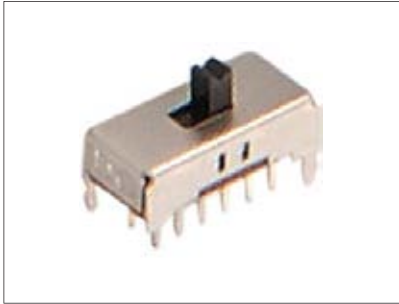
Shorting Schematic

ORDERING INFORMATION:

P/N SWS1U - $\frac{x}{1} \frac{P}{2} \frac{T}{3} \frac{G}{2} \frac{xx}{3}$

1. SWITCHING ACTION:
"2P5T" ON-ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (53)

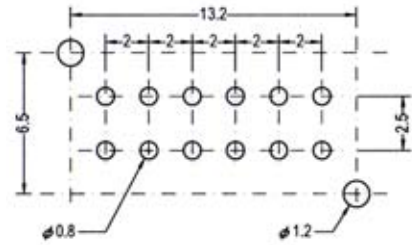
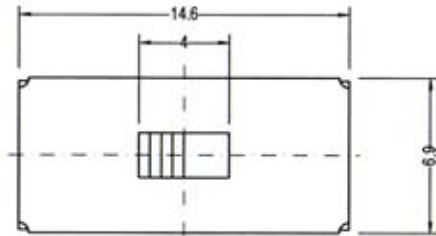


SPECIFICATIONS

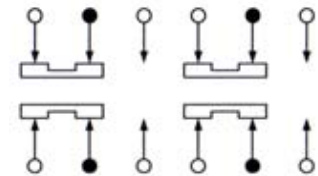
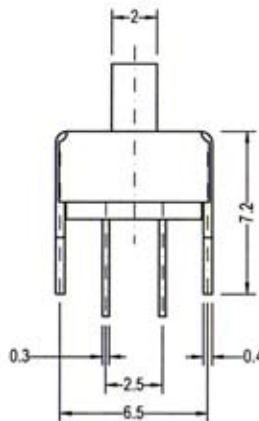
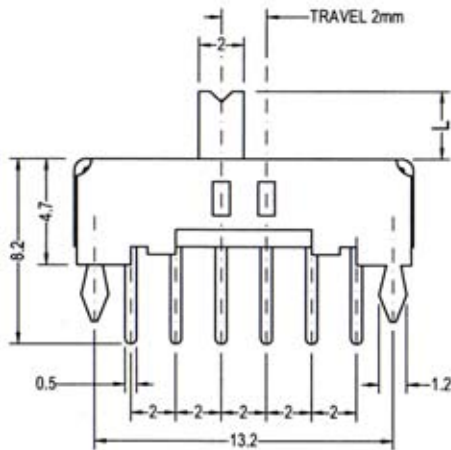
Circuit: ON-ON (4P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

KNOB TYPE	
V	G

ORDERING INFORMATION:

P/N S W S 1 V - $\frac{x P x T}{1} \frac{x x x}{2 3}$

1. SWITCHING ACTION:
"4P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
"V" TYPE V
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (54)

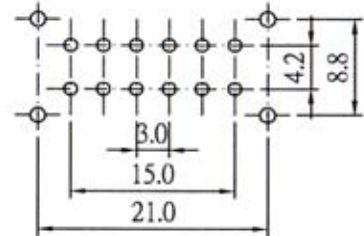
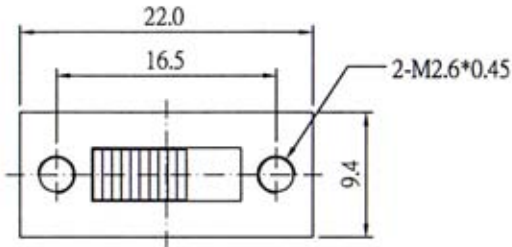


SPECIFICATIONS

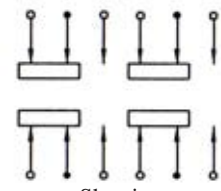
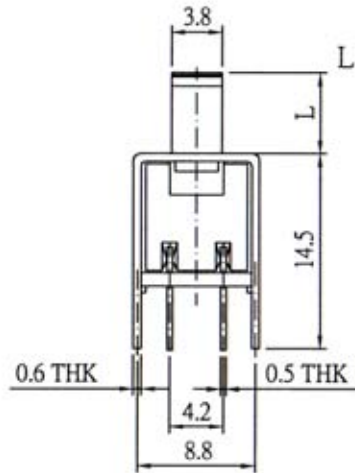
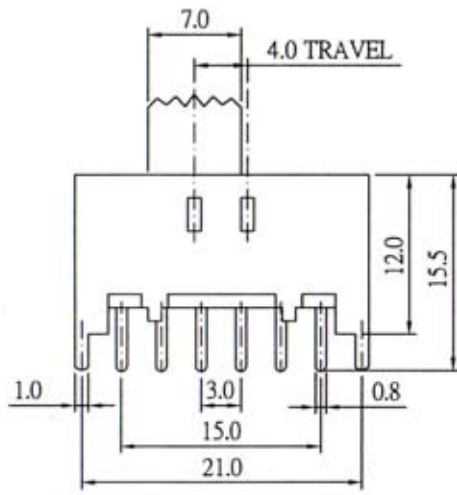
Circuit: ON-ON (4P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Operating force: 300 ± 100gf
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



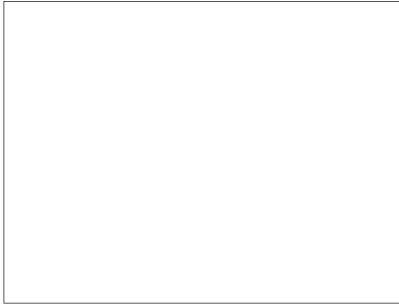
Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 W - $\frac{x}{1} P \frac{x}{2} T \frac{G}{3} \frac{x}{x}$

1. SWITCHING ACTION:
"4P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (55)



SPECIFICATIONS

Circuit: ON-ON-ON (4P3T)

Rating: D.C. 50V 0.3A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Timing: Shorting

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

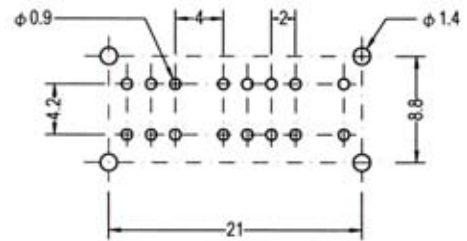
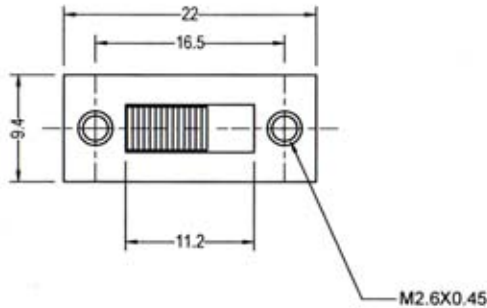
Cover: 0.25mm SUS, Washing

Knob: Nylon, Black

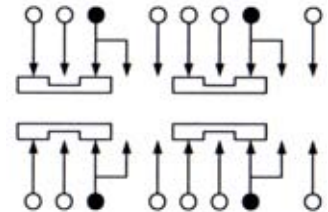
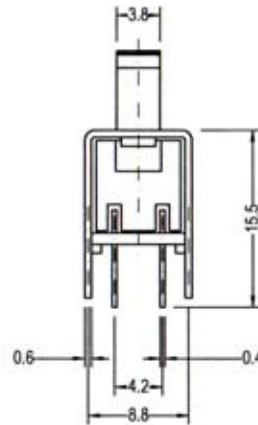
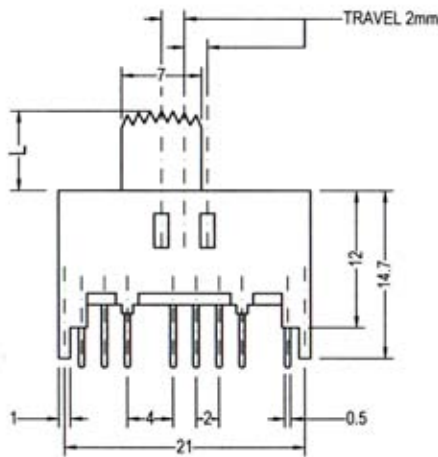
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated

Contact: PBS C5210R-EH, Ag Clad

Unit: mm



Recommended P.C.Board Layout



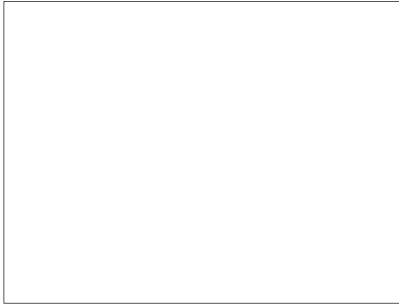
Schematic

ORDERING INFORMATION:

P/N S W S 3 U - $\frac{x}{1} \frac{P}{2} \frac{T}{3} \frac{G}{x} \frac{x}{3}$

1. SWITCHING ACTION:
"4P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (56)



SPECIFICATIONS

Circuit: ON-ON-ON (6P3T)

Rating: D.C. 50V 0.3A

Contact R.[max]: D.C. 5V 1A 30mΩ

Insulation R.[min]: D.C. 500V 100MΩ

Withstand VOL.: A.C. 500V 1minute

Operating force: 300 ± 100g

Life cycle[max]: 10,000 CYCLES

All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black

Frame: IRPN Strip, Ni Plated

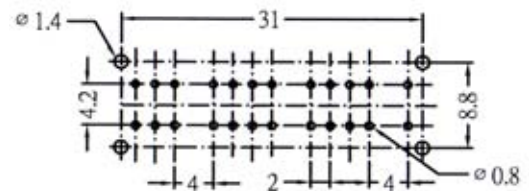
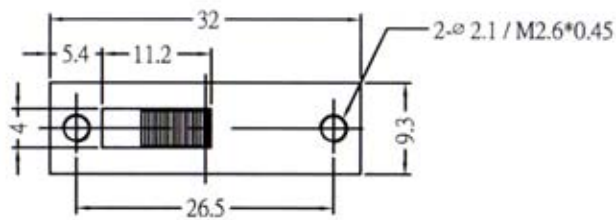
Board: Phenolic Resin

Terminal: Brass Strip, Ni Plated

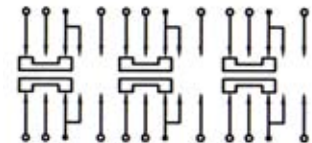
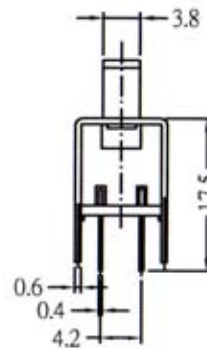
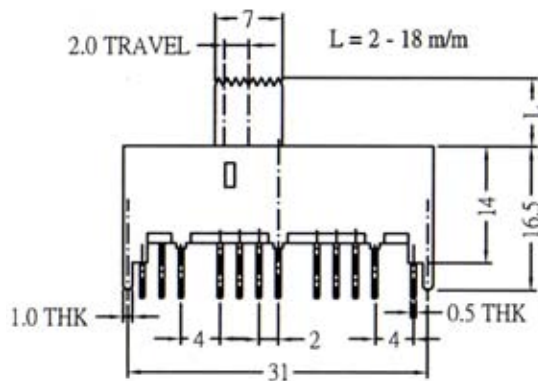
Contact: PBS, Ag Plated

Spring: Steel Wire

Unit: mm



Recommended P.C.Board Layout



Shorting Schematic

ORDERING INFORMATION:

P/N S W S 1 Y - $\frac{x P x T G}{1} \frac{x x}{2 3}$

1. SWITCHING ACTION:
"6P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (57)

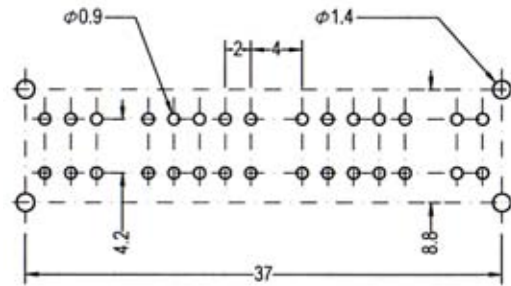
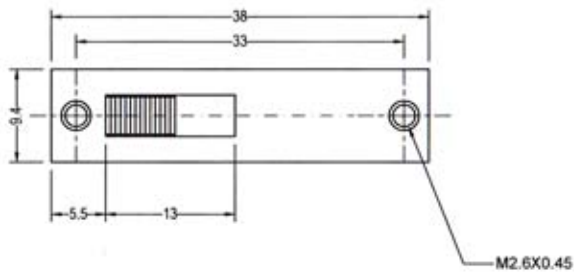


SPECIFICATIONS

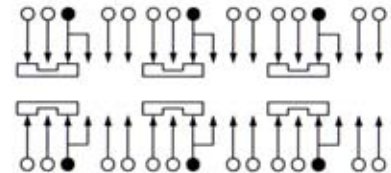
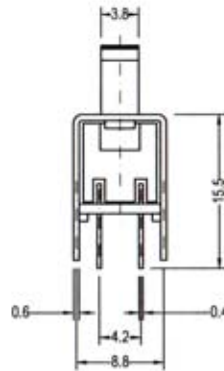
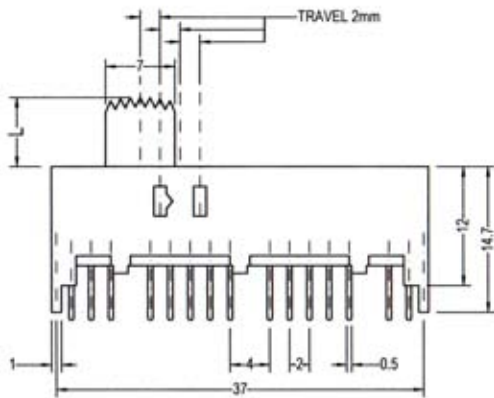
Circuit: ON-ON-ON-ON (6P4T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



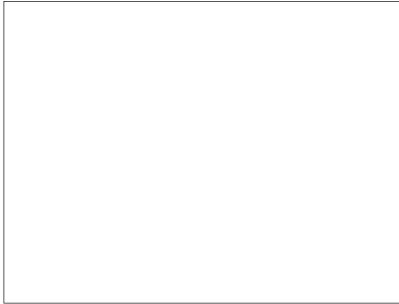
Schematic

ORDERING INFORMATION:

P/N S W S 3 V - $\frac{x P x T G}{1 2 3} x x$

1. SWITCHING ACTION:
"6P4T" ON-ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (58)

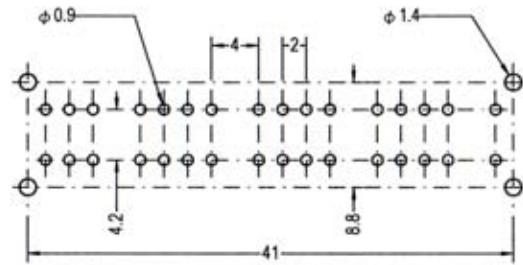
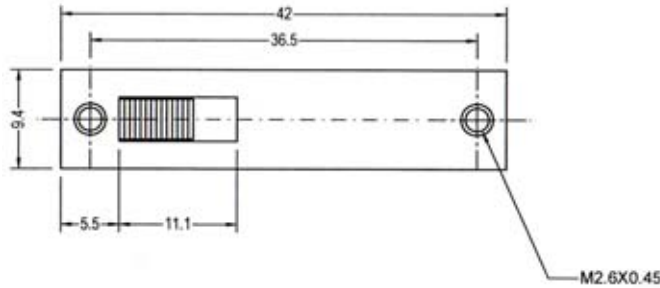


SPECIFICATIONS

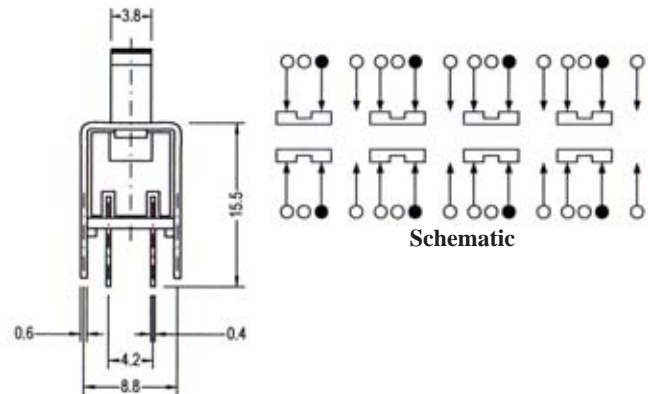
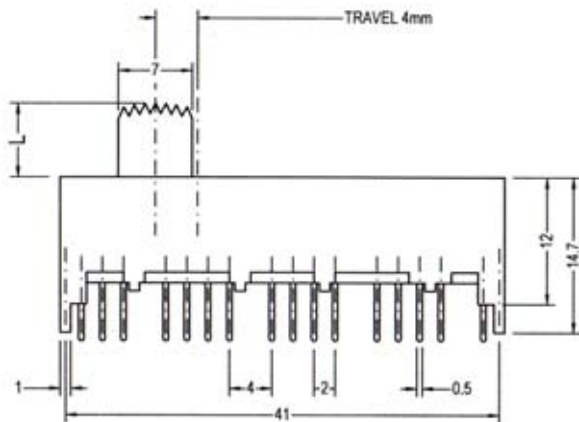
Circuit: ON-ON (8P2T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Non-Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Cover: 0.25mm SUS, Washing
Knob: Nylon, Black
Case: Brass Strip/Nylon 9T + F.G., Black/Ag Plated
Contact: PBS C5210R-EH, Ag Clad
Unit: mm



Recommended P.C.Board Layout



Schematic

ORDERING INFORMATION:

P/N S W S 3 W - $\frac{x P x T G x x}{1 \quad 2 \quad 3}$

1. SWITCHING ACTION:
"8P2T" ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

SLIDE SWITCHES STRAIGHT DIP TYPES (59)

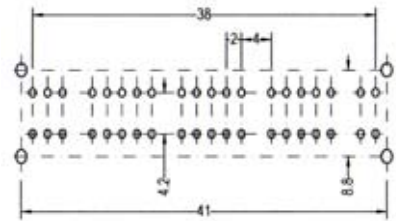
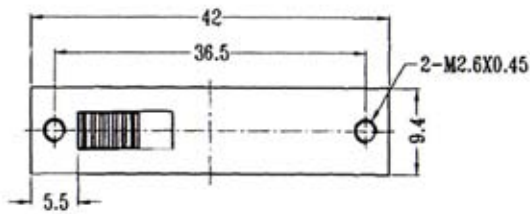


SPECIFICATIONS

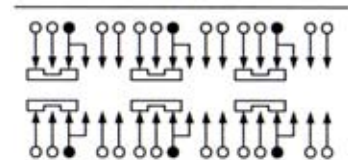
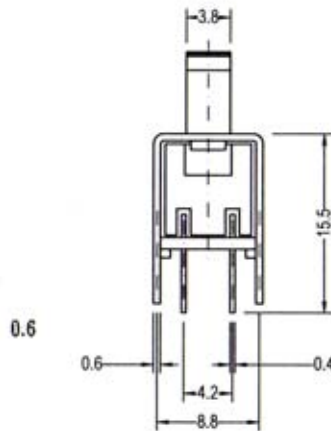
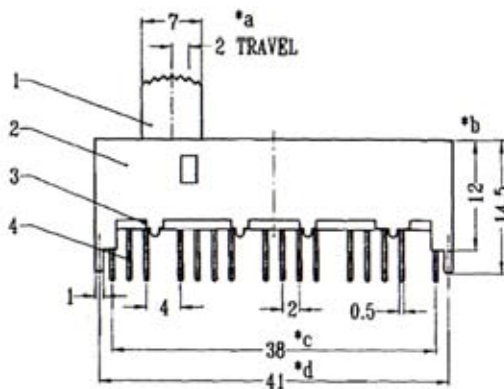
Circuit: ON-ON-ON (8P3T)
Rating: D.C. 50V 0.3A
Contact R.[max]: D.C. 5V 1A 30mΩ
Insulation R.[min]: D.C. 500V 100MΩ
Withstand VOL.: A.C. 500V 1minute
Timing: Shorting
Operating force: 300 ± 100g
Life cycle[max]: 10,000 CYCLES
All materials must be RoHS compliant.

MATERIALS

Knob: POM, Black
Frame: Steel Strip, Ni Plated or Zn Plated
Terminal Base: Phenolic Resin
Terminal: Brass Strip, Ag Plated Over Ni Plated
Contact: PBS Strip, Ag Plated
Spring: Steel Wire, Tempered
Unit: mm



Recommended P.C.Board Layout



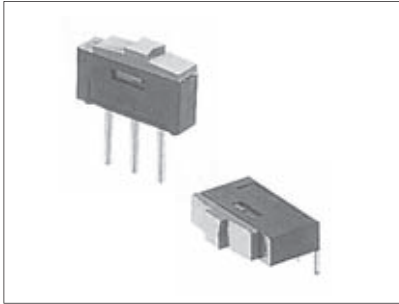
Schematic

ORDERING INFORMATION:

P/N S W S 3 Y - $\frac{x P x T G}{1 2 3} x x$

1. SWITCHING ACTION:
"8P3T" ON-ON-ON
2. KNOB TYPE:
"G" TYPE G
3. KNOB LENGTH (L IN MM):
02~15

LOW PROFILE SLIDE SWITCHES

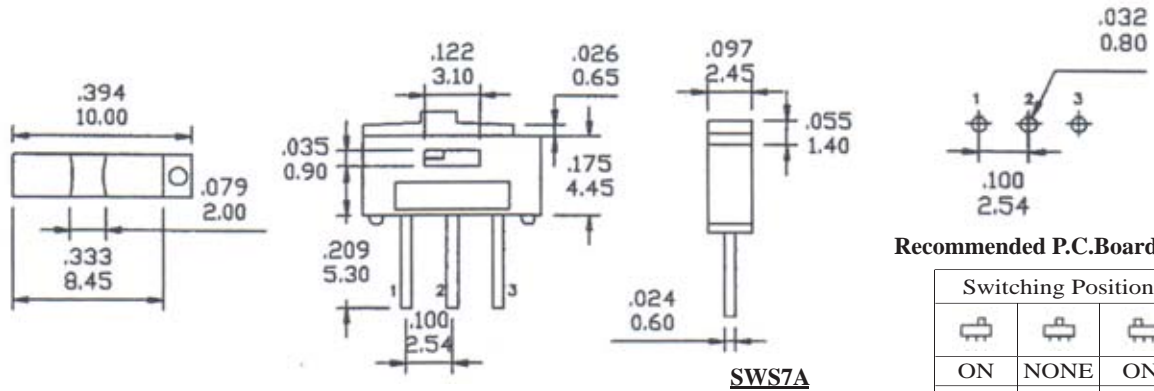


SPECIFICATIONS

Contact Rating: DC 12V 0.5A
Contact Resistance: 30mΩ max.
Insulation Resistance: 500MΩ Min. at 500VDC
Mechanical Life: 10,000 CYCLES min
All materials must be RoHS compliant.

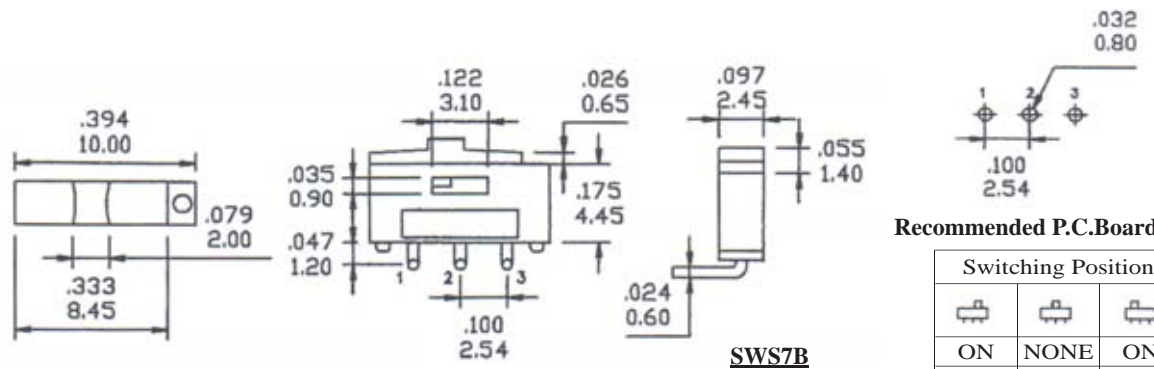
MATERIALS

Housing: Nylon 6/6 (UL94V-0).
Slide Handle: Nylon 6/6 (UL94V-0).
Unit: inches/mm



Recommended P.C.Board Layout

Switching Position		
ON	NONE	ON
2-1	OPEN	2-3



Recommended P.C.Board Layout

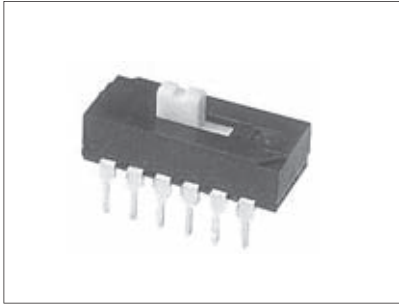
Switching Position		
ON	NONE	ON
2-1	OPEN	2-3

ORDERING INFORMATION:

P/N SWS $\frac{xx}{1}$ - $\frac{1P2T}{2}$ $\frac{G}{3}$

1. CONTACT & TERMINAL TYPE:
 "7A" STRAIGHT DIP TYPE
 "7B" RIGHT ANGLE DIP TYPE
2. SWITCHING ACTION TYPE:
 "1P2T" ON-ON
3. CONTACT FINISH:
 "G" GOLD PLATED

AUTO-INSERTABLE SLIDE SWITCHES

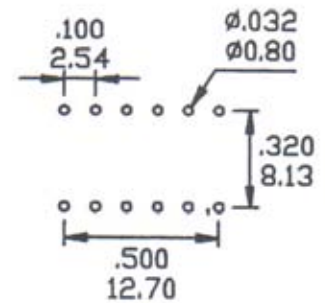
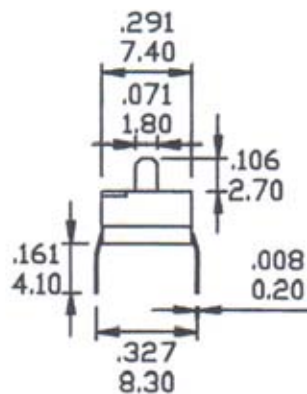
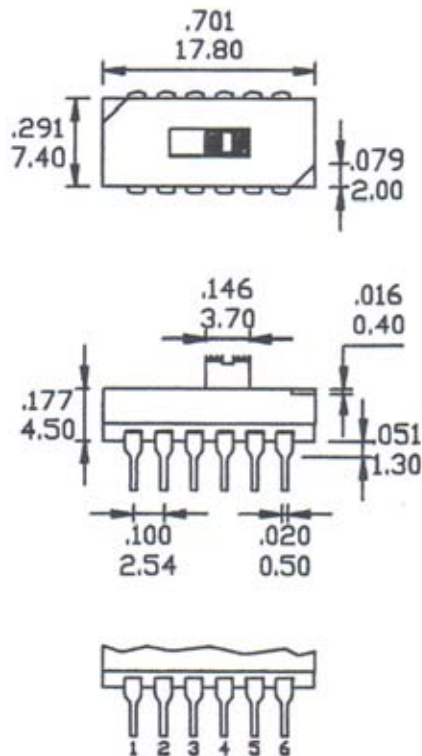


SPECIFICATIONS

Contact Rating: 03A 115VDC max. Shorting type.
Contact Resistance: 40MΩ max. Initial.
Contact Timing: Shorting
Insulation Resistance: 1,000MΩ 500VDC min.
Dielectric Strength: 1,000V RMS sea level.
Actuation Force: 950gf max.
Life Expectancy: 10,000 CYCLES min
Operating Temperature: -20°C to +100°C.
Storage Temperature: -40°C to +20°C.
 All materials must be RoHS compliant.

MATERIALS

Movable Contact: Copper alloy with silver plating.
Base: UL 94V-0 grade PPS thermoplastic/black color.
Cover: UL 94V-0 grade PPS thermoplastic/black color.
Actrator: UL 94V-0 grade nylon thermoplastic/white color.
Unit: inches/mm



Recommended P.C.Board Layout

Switching Position	
ON	ON
1-2,4-5	2-3,5-6

ORDERING INFORMATION:

P/N S W S 7 C - $\frac{4 \text{ P } 2 \text{ T} - \text{X}}{1 \quad 2}$

- SWITCHING ACTION TYPE:
"4P2T" ON-ON
- PACKAGE OPTION:
"0" BLUE PACK
"R" TAPE & REEL