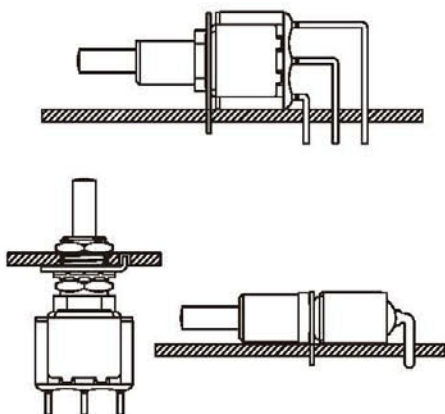


SPECIFICATIONS:

CONTACT RATING: Refer to "Contact Material Options" for more info.
ELECTRICAL LIFE: 50,000 make and break cycles at full load.
CONTACT RESISTANCE: 10mΩ max. initial @2-4VDC
INSULATION RESISTANCE: 1,000MΩ min.
DIELECTRIC STRENGTH: 1,500V RMS @ sea level.
OPERATION TEMPERATURE: -30°C to +85°C.

MATERIALS:

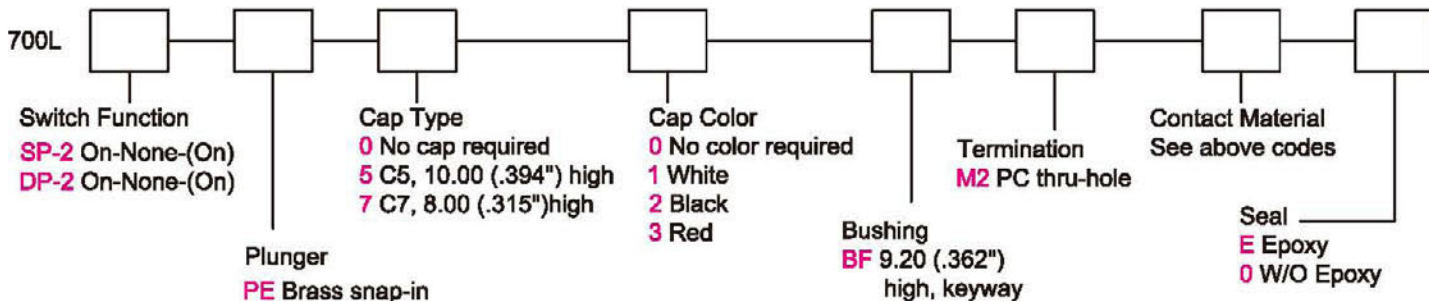
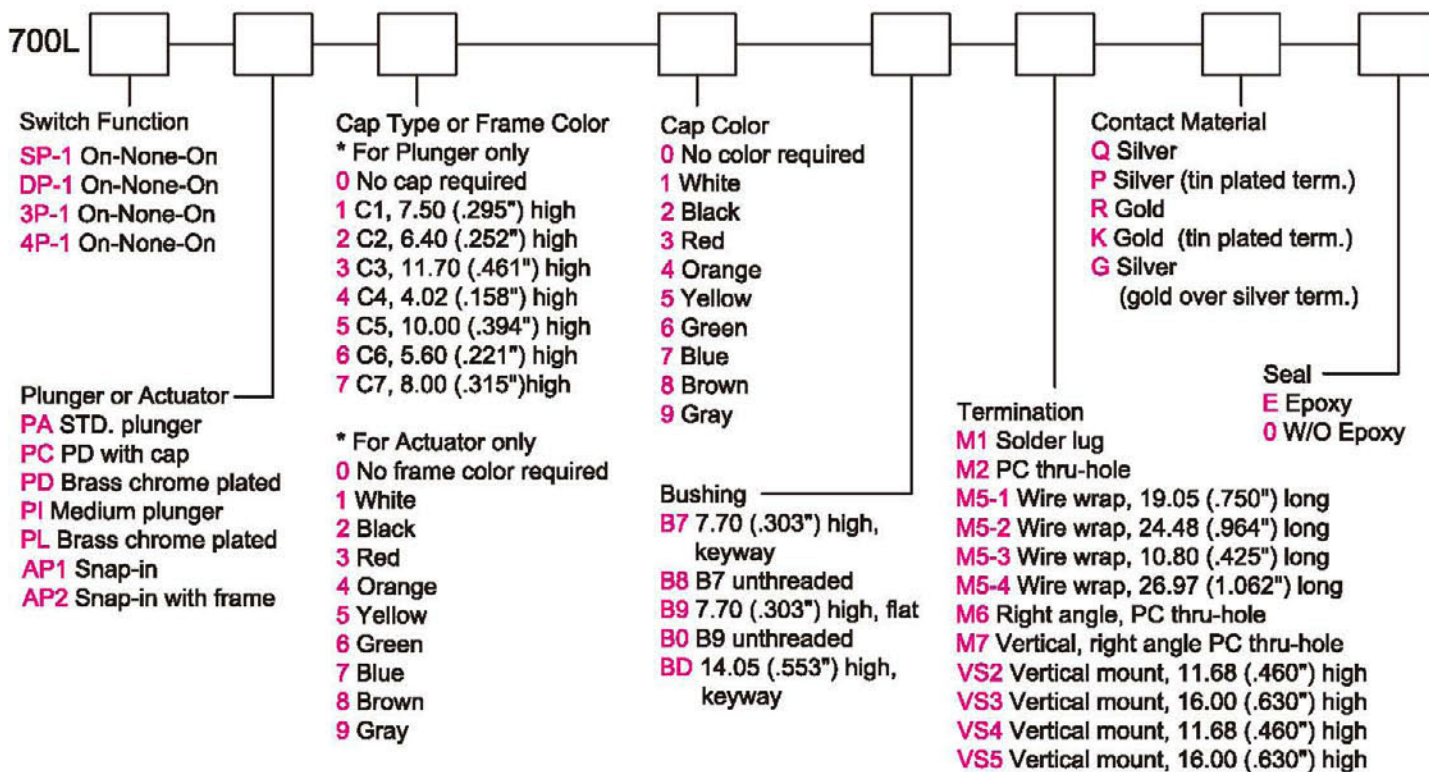
CASE: Diallyl phthalate(DAP)(UL 94V-0).
PLUNGER: Polybutylene terephthalate (PBT) or Nylon (UL 94V-0).
FRAME: Nylon 6/6 (UL 94HB), black standard.
BUTTON & CAP: Nylon 6/6 or ABS, black standard.
BUSHING: Brass, nickel plated.
HOUSING: Stainless steel.
TERMINAL SEAL: Epoxy.



Specifications and Dimensions subject to change

If your preferred product configuration is not shown, please contact our sales representative for custom design.

HOW TO ORDER SYSTEM



Series 700L

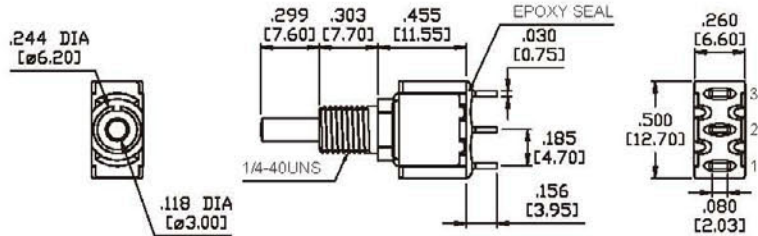
Alternate Acting Pushbutton Switches

SPDT



| Model No. | Switching Position | | |
|-------------|--------------------|------|-----|
| SP-1 | ON | NONE | ON |
| Term. Comm. | 2-3 | OPEN | 2-1 |

Schematic

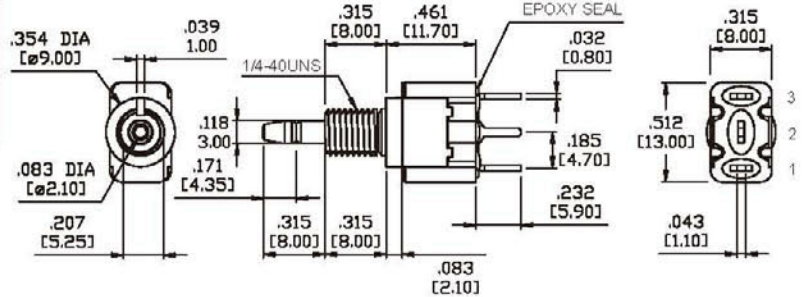


SPDT



| Model No. | Switching Position | | |
|-------------|--------------------|------|------|
| SP-2 | ON | NONE | (ON) |
| Term. Comm. | 2-3 | OPEN | 2-1 |

Schematic

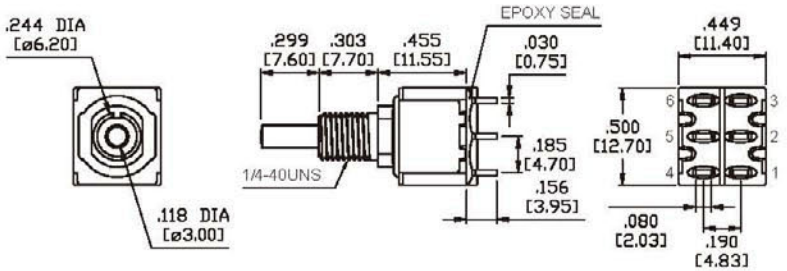
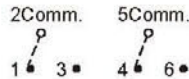


DPDT



| Model No. | Switching Position | | |
|-------------|--------------------|------|---------|
| DP-1 | ON | NONE | ON |
| Term. Comm. | 2-3,5-6 | OPEN | 2-1,5-4 |

Schematic

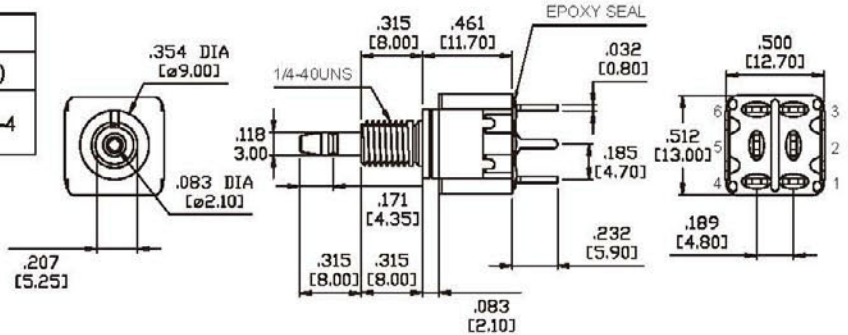
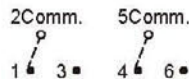


DPDT



| Model No. | Switching Position | | |
|-------------|--------------------|------|---------|
| DP-2 | ON | NONE | (ON) |
| Term. Comm. | 2-3,5-6 | OPEN | 2-1,5-4 |

Schematic

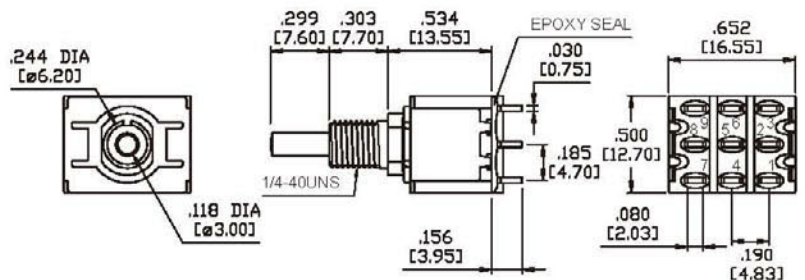


3PDT



| Model No. | Switching Position | | |
|-------------|--------------------|------|----------------|
| 3P-1 | ON | NONE | ON |
| Term. Comm. | 2-3,5-6 8-9 | OPEN | 2-1,5-4 8-7 |

Schematic

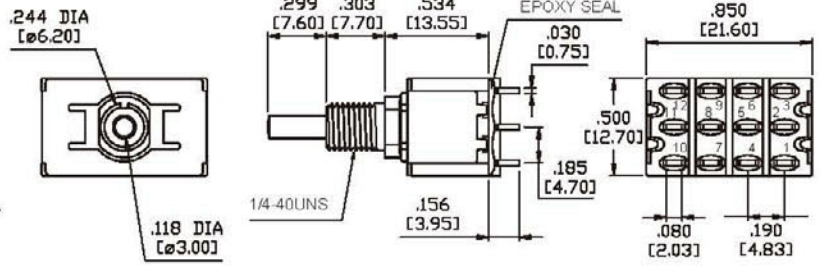
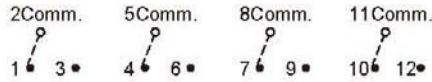


4PDT



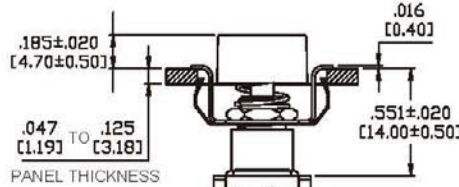
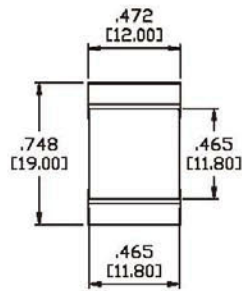
| Model No. | Switching Position | | |
|-------------|--------------------------|------|--------------------------|
| 4P-1 | ON | NONE | ON |
| Term. Comm. | 2-3, 5-6 8-9 11-12 | OPEN | 2-1, 5-4 8-7 11-10 |

Schematic

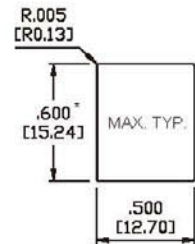


ACTUATOR OPTIONS FOR SNAP-IN FRONT MOUNT

AP1

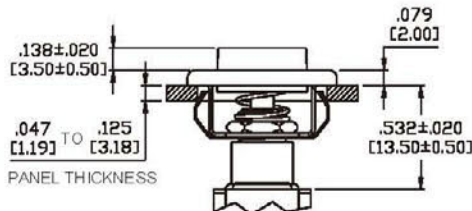
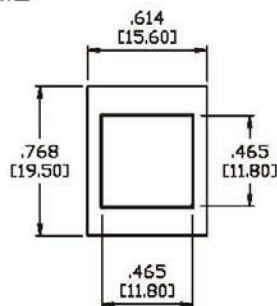


PANEL MOUNTING

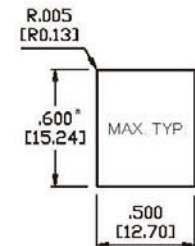


* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

AP2 WITH FRAME

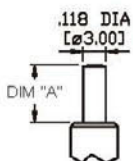


PANEL MOUNTING



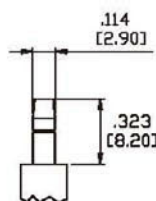
* Increase this dimension to .620/.625 [15.75/15.88] for .091/.125 [2.31/3.18] thk. panels.

PLUNGER OPTIONS (SP-1 & DP-1 MODEL)



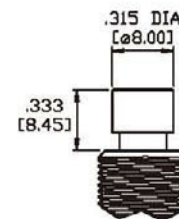
| OPTION CODE | DIM "A" |
|-------------|-------------|
| PA | .299 [7.60] |
| PI | .244 [6.20] |

PL

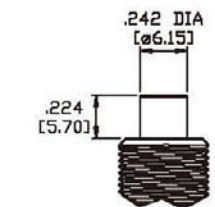


* Plunger material: Brass Nickel Plated

PC



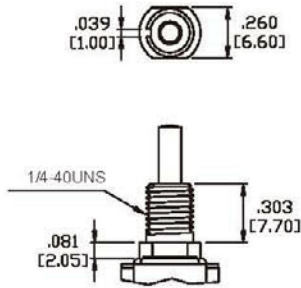
PD



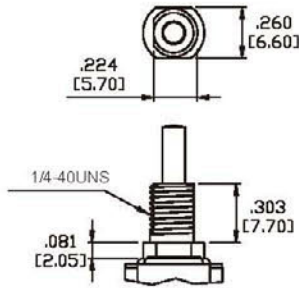
* Plunger material: Brass Chrome Plated
* PC, PD must configure with BD bushing

BUSHING OPTIONS (SP-1 & DP-1 MODEL)

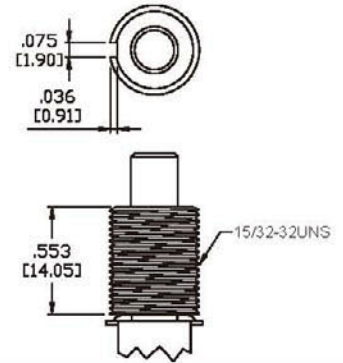
B7 THD STD
B8 NON-THD



B9 THD STD
B0 NON-THD

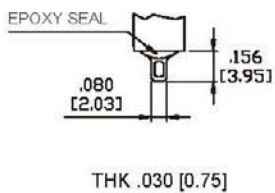


BD THD STD

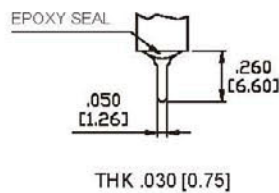


TERMINATION OPTIONS (SP-1 & DP-1 MODEL)

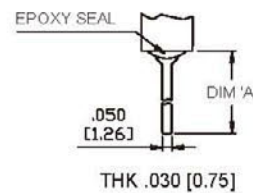
M1 STD. SOLDER LUG



M2 PC-THRU HOLE

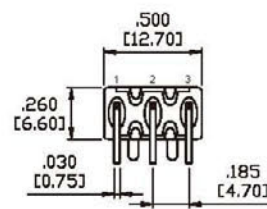
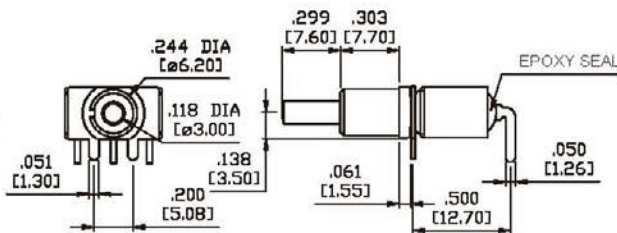


M5 WIRE WRAP

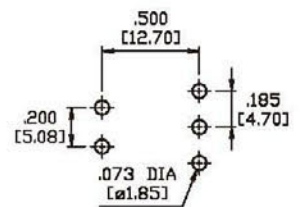


| OPTION CODE | DIM. 'A' |
|-------------|---------------|
| M5-1 | .750 [19.05] |
| M5-2 | .964 [24.48] |
| M5-3 | .425 [10.80] |
| M5-4 | 1.062 [26.97] |

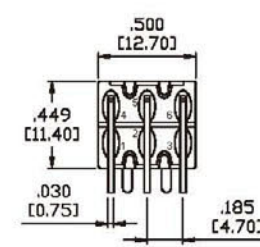
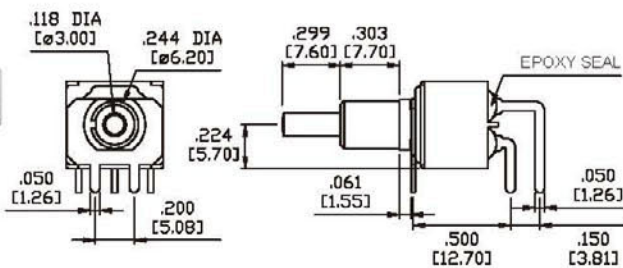
M6



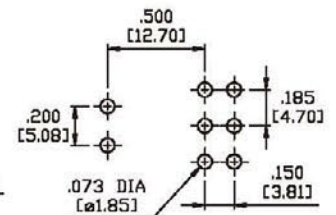
P.C. MOUNTING



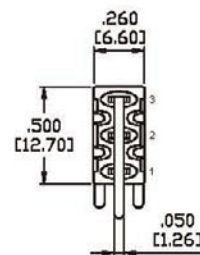
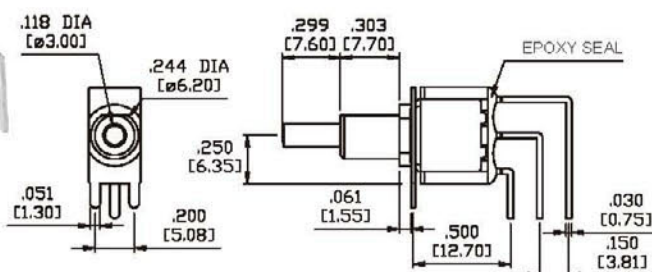
M6



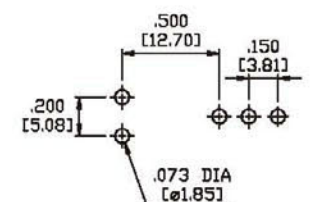
P.C. MOUNTING



M7



P.C. MOUNTING



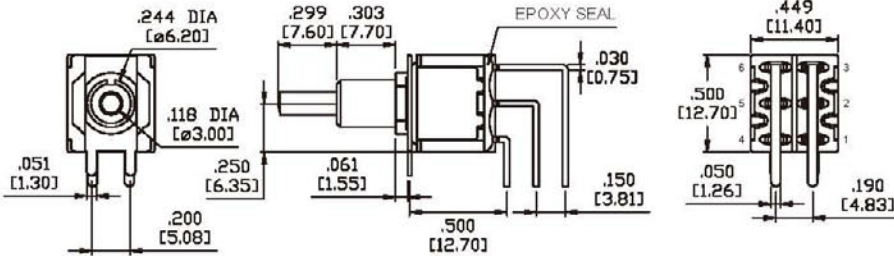
Series 700L

Alternate Acting Pushbutton Switches

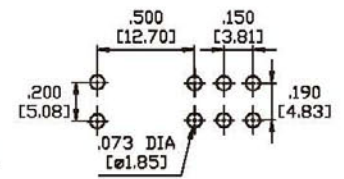
Toggle
Rocker
Slide
Pushbutton
AV
Rotary
Tact
Touch Key
Miscellaneous

M7

P.C. MOUNTING

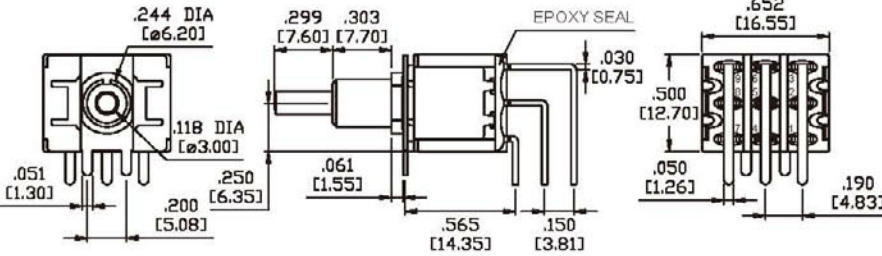


DPDT

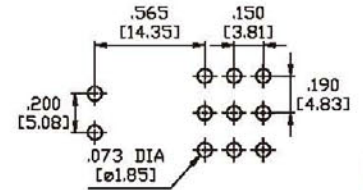


M7

P.C. MOUNTING

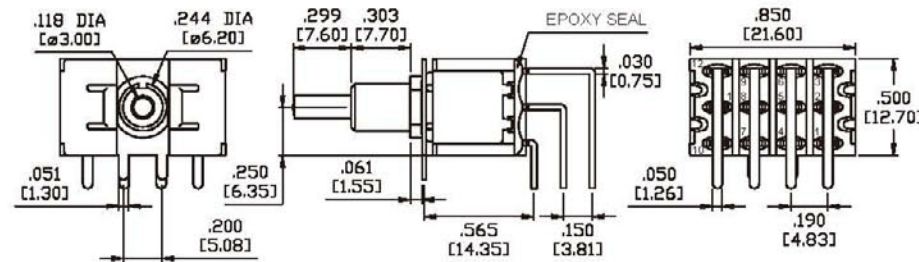


3PDT

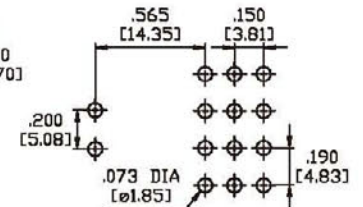


M7

P.C. MOUNTING

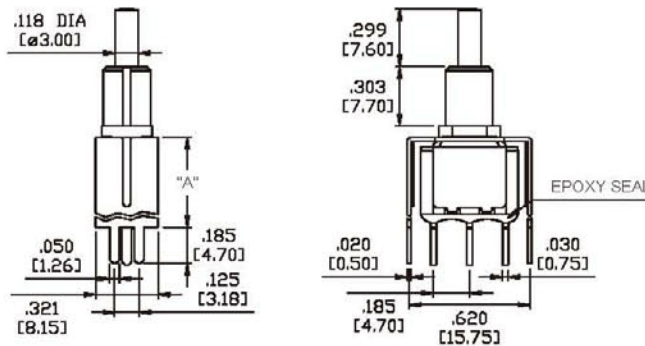


4PDT



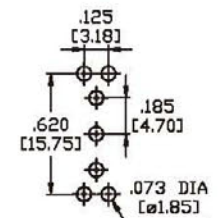
VS2-VS3

P.C. MOUNTING



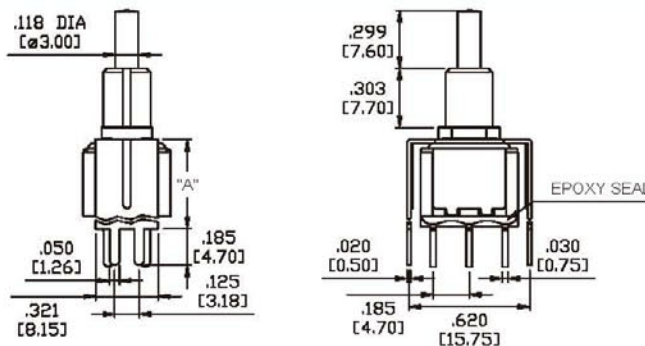
SPDT

| OPTION CODE | DIM.'A' |
|-------------|--------------|
| VS2 | .461 [11.70] |
| VS3 | .630 [16.00] |



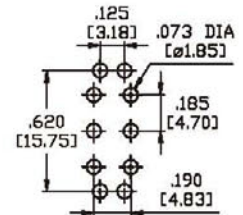
VS2-VS3

P.C. MOUNTING



DPDT

| OPTION CODE | DIM.'A' |
|-------------|--------------|
| VS2 | .461 [11.70] |
| VS3 | .630 [16.00] |



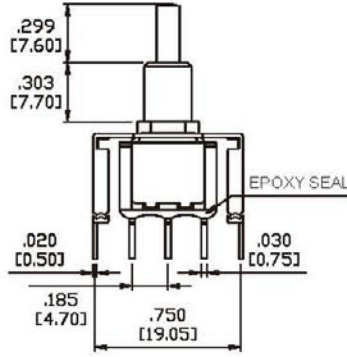
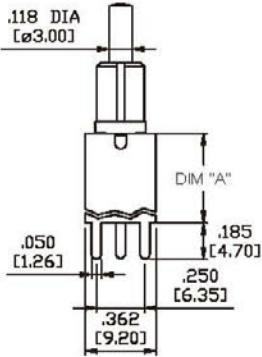
Series 700L

Alternate Acting Pushbutton Switches

VS4-VS5

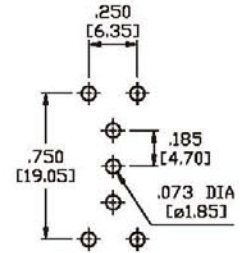


SPDT



| OPTION CODE | DIM.'A' |
|-------------|--------------|
| VS4 | .461 [11.70] |
| VS5 | .630 [16.00] |

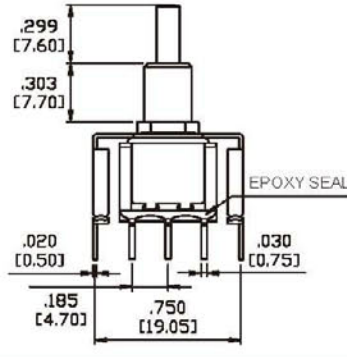
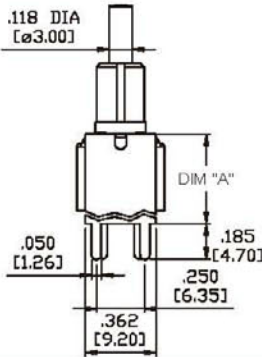
P.C. MOUNTING



VS4-VS5

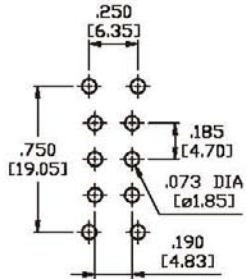


DPDT



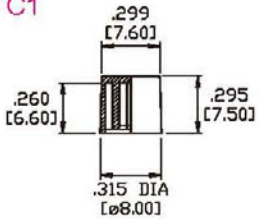
| OPTION CODE | DIM.'A' |
|-------------|--------------|
| VS4 | .461 [11.70] |
| VS5 | .630 [16.00] |

P.C. MOUNTING

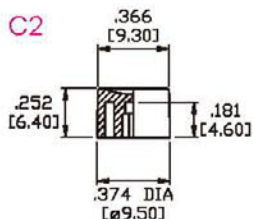


PLUNGER CAPS

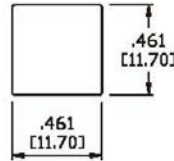
C1



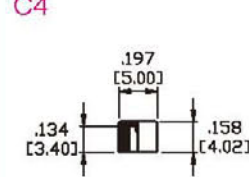
C2



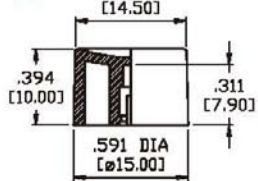
C3



C4

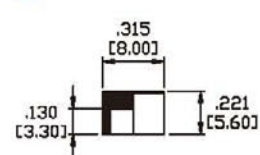


C5



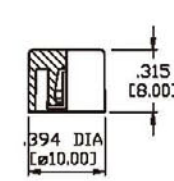
For PL plunger only

C6



For PD plunger only

C7



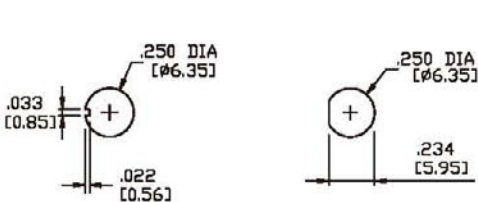
For PL plunger only

| CAP AND FRAME COLORS | |
|----------------------|--------|
| 1 | White |
| 2 | Black |
| 3 | Red |
| 4 | Orange |
| 5 | Yellow |
| 6 | Green |
| 7 | Blue |
| 8 | Brown |
| 9 | Gray |

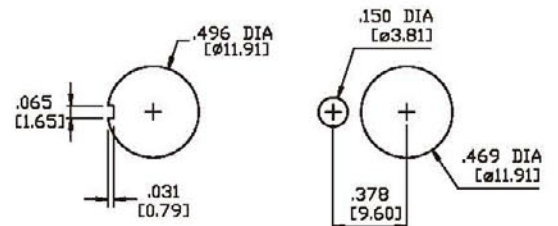
MATERIAL: ABS for C1~C5.
MATERIAL: Brass for C6
Chrome or nickel plated.

PANEL MOUNTING

1/4 INCH BUSHING

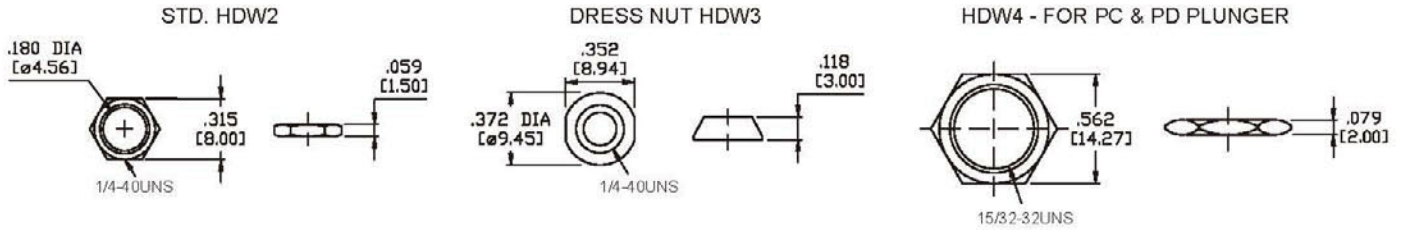


15/32 INCH BUSHING

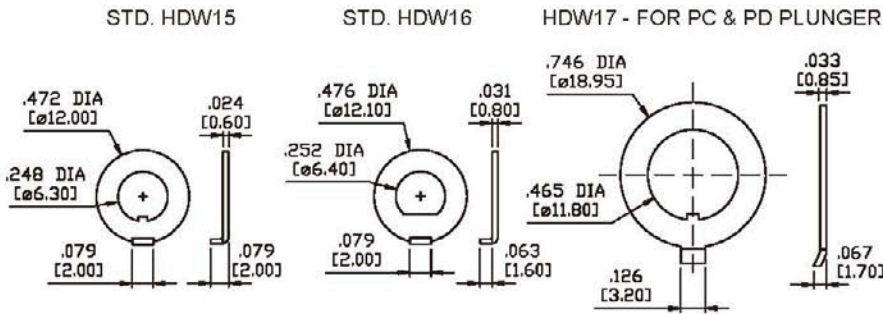


HARDWARE

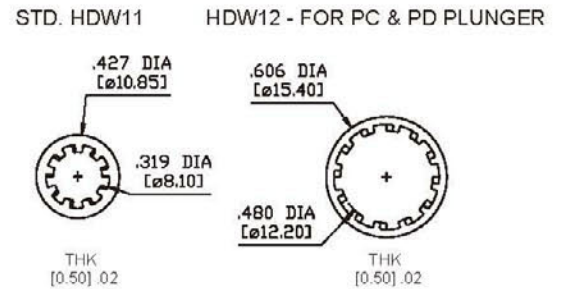
NUT



LOCKING RING



LOCK WASHER



CONTACT MATERIAL OPTIONS

| Coding | Contact Material | Terminal Plating | Rating | Agency Approvals |
|--------|---------------------|-------------------------------|---|---|
| Q | Silver ¹ | Silver plated ⁶ | 6Amps @ 125VAC or 28VDC 3Amps @ 250VAC |  |
| P | | Tin plated ^{5 8} | | |
| R | Gold ² | Gold plated ⁴ | 0.4VA max @ 20V max (AC or DC) | |
| K | | Tin plated ^{5 7} | | |
| G | Silver ¹ | Gold over silver ³ | 6Amps @ 125VAC or 28VDC 3Amps @ 250VAC |  |

1. Movable Contact: Coin silver, silver plated.
2. Movable Contact: Copper alloy with gold plated over nickel plated.
3. Terminals: Silver plated with outer layer in gold plating.
4. Terminals: Copper alloy, with gold plated over nickel plated.
5. Outer Terminals: Copper alloy with pure tin plated.
6. Terminals: Copper alloy, silver plated.
7. Terminal Contact: Gold plated over nickel plated.
8. Terminal Contact: Palladium nickel alloy (or Silver) plated.

* P, K not available with M1 termination.