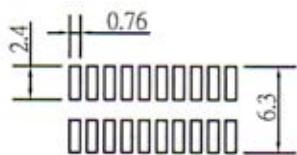
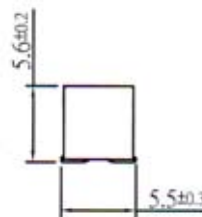
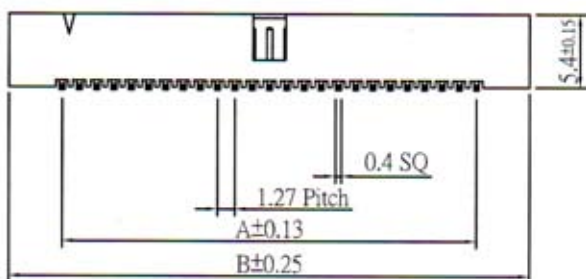
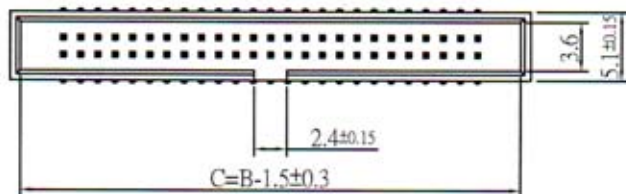


1.27MM x 1.27MM BOX HEADER SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
LCP

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)	
	A	B
06	2.54	10.11
10	5.08	12.65
12	6.35	13.92
14	7.62	15.19
16	8.89	16.46
20	11.43	19.00
26	15.24	22.81
30	17.78	25.35
34	20.32	27.89
40	24.13	31.70
44	26.67	34.24
50	30.48	38.05
60	36.83	44.40
64	39.37	46.94
68	41.91	49.48
80	49.53	57.10
100	62.23	68.90

ORDERING INFORMATION:

P/N 1 2 C 5 8 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

006, 010, 012, 014, 016, 020, 026, 030,
034, 040, 044, 050, 060, 064, 068, 080,
100

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. PACKAGE OPTION:

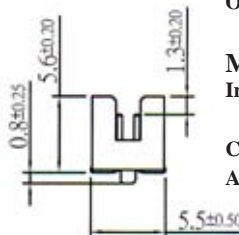
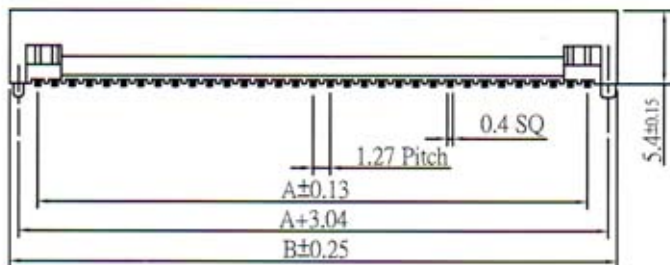
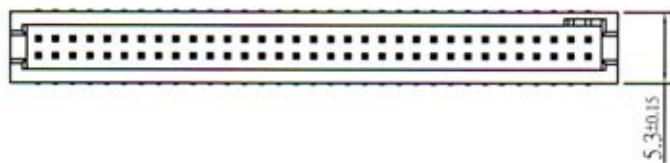
"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: MATES WITH 12D07 IDC SOCKET

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

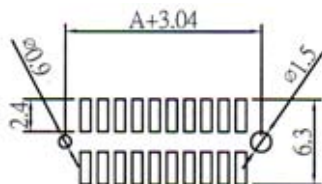
MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

No. of Contacts	Dimensions(mm)	
	A	B
06	2.54	6.80
10	5.08	9.34
12	6.35	10.61
14	7.62	11.88
16	8.89	13.15
20	11.43	15.69
26	15.24	19.50
30	17.78	22.04
34	20.32	24.58
40	24.13	28.39
44	26.67	30.93
50	30.48	37.74
60	36.83	41.09
64	39.37	43.63
66	40.64	44.90
68	41.91	46.17
80	49.53	53.79
100	62.23	66.49

ORDERING INFORMATION:

P/N 1 2 C 5 5 - $\frac{x}{1} \frac{x}{2} \frac{x}{3} B - \frac{x}{3}$

1. NO. OF CONTACTS:

006, 010, 012, 014, 016, 020, 026, 030,
034, 040, 044, 050, 060, 064, 066, 068,
080, 100

2. CONTACT FINISH:

"G" FULL GOLD PLATED

3. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE

SPECIFICATIONS

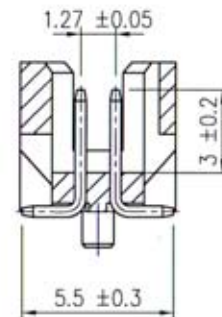
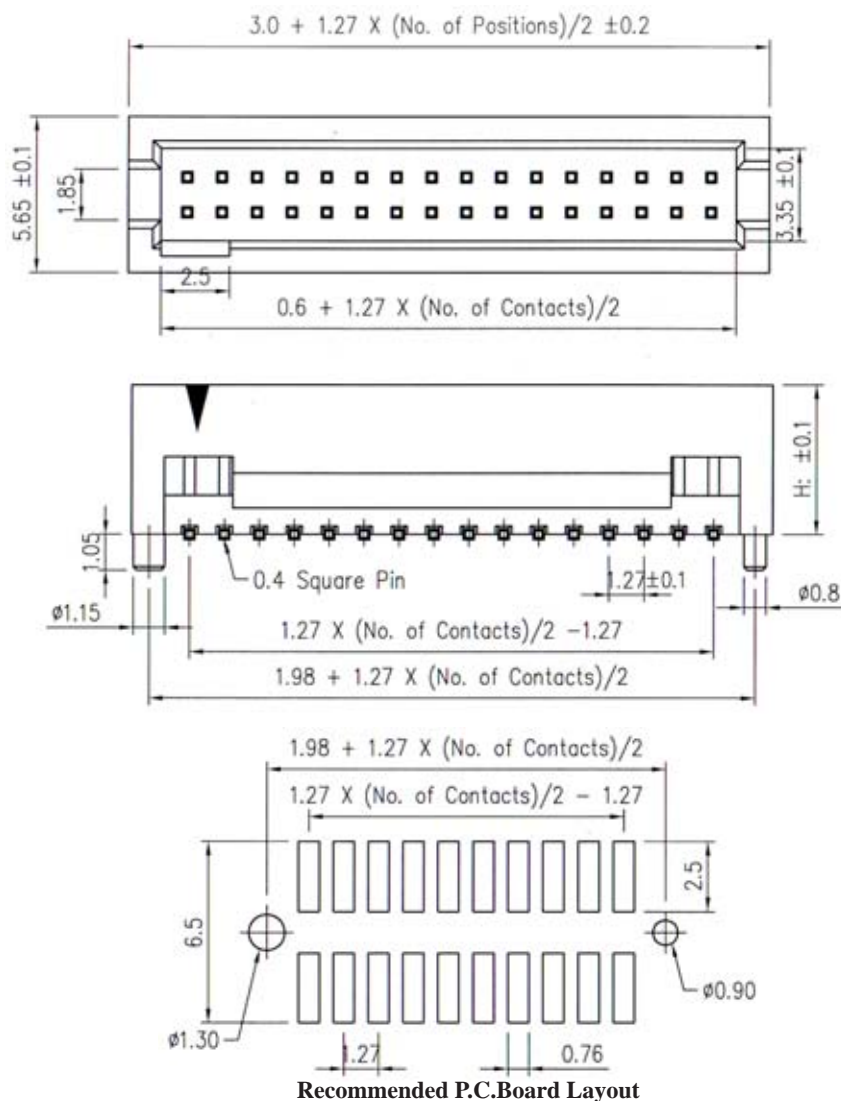
Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: Polyester, UL94V-0
 Nylon-6T

Contacts: Brass

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 1 2 7 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

1. PLASTIC HEIGHT & LOCATING PEG OPTION:

"WN" H= 5.40MM W/O LOCATING PEG
 "QZ" H= 5.40MM WITH LOCATING PEG
 "MX" H= 5.65MM W/O LOCATING PEG
 "MY" H= 5.65MM WITH LOCATING PEG

2. NO. OF CONTACTS:

006 ~ 100

3. CONTACT FINISH:

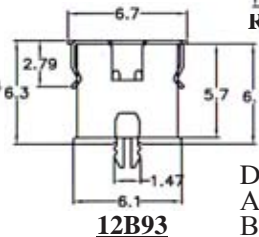
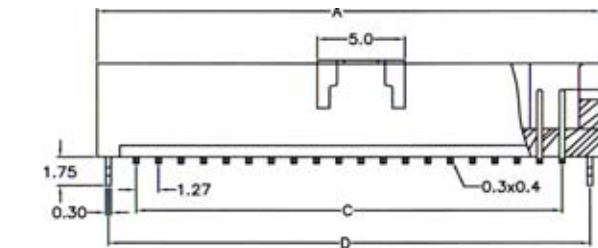
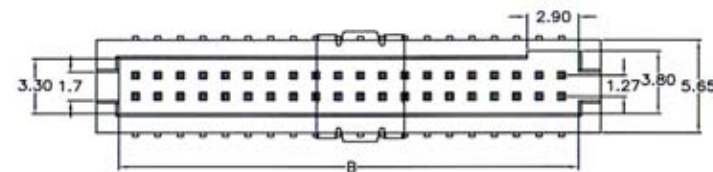
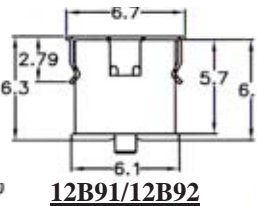
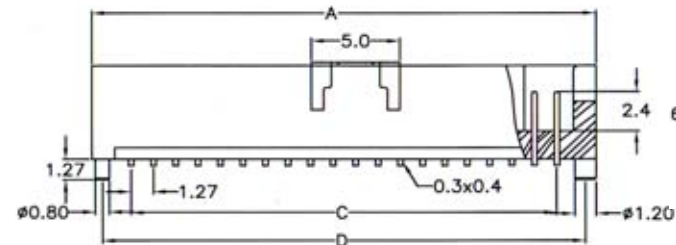
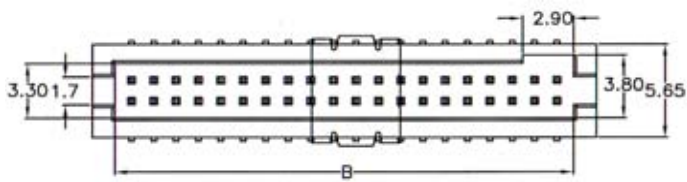
"G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

"T" WITHOUT PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE

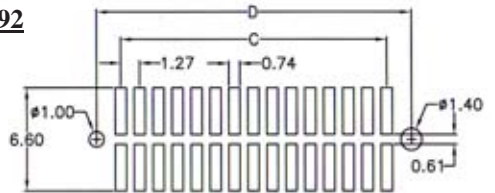


SPECIFICATIONS

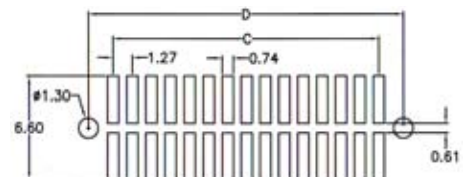
Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 5000 M Ω min.
 Contact Resistance: 20m Ω Max.
 Operating Temperature: -65 $^{\circ}$ c to + 125 $^{\circ}$ c

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T
 Contacts: Brass
 All materials must be RoHS compliant.



Recommended P.C. Board Layout **12B91/12B92**



Recommended P.C. Board Layout **12B93**

DIMENSIONS:

A = 1.27 x No. of Contacts/2 + 3.18
 B = 1.27 x No. of Contacts/2 + 0.64
 C = 1.27 x No. of Contacts/2 - 1.27
 D = 1.27 x No. of Contacts/2 + 1.91

ORDERING INFORMATION:

P/N 1 2 B X X - X X X X B - X
 1 2 3 4

1. CONNECTOR TYPE:

"B91" W/O LOCATING PEG
 "B92" WITH LOCATING PEG
 "B93" WITH BOARD LOCK

2. NO. OF CONTACTS:

010 ~ 100

3. CONTACT FINISH:

"S" SELECTIVE GOLD PLATED (STANDARD)
 "G" FULL GOLD PLATED

4. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

1.27MM*1.27MM BOX HEADER DOUBLE ROW SMT TYPE H = 5.65MM

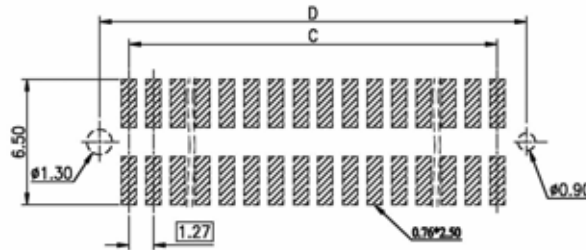
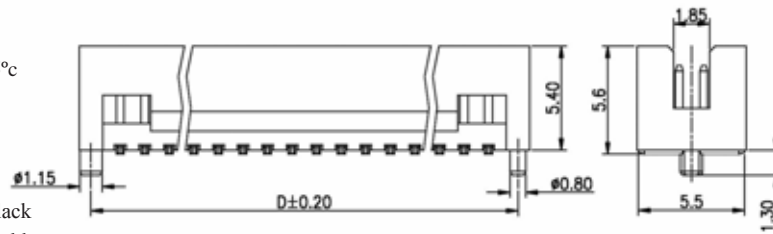
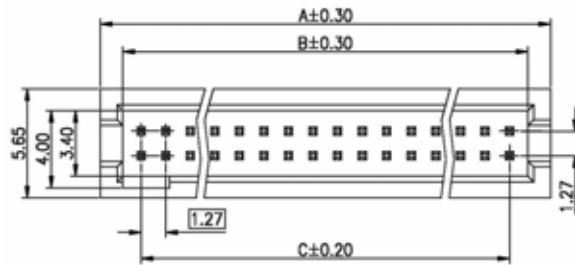
SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

MATERIALS

- Housing: Thermoplastic (UL 94V-0), Black
- Terminal: Sq. 0.40mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pin 數	A	B	C	D	Pin 數	A	B	C	D
10	9.41	6.99	5.08	8.12	56	38.62	36.20	34.29	37.33
12	10.68	8.26	6.35	9.39	58	39.89	37.47	35.56	38.60
14	11.95	9.53	7.62	10.66	60	41.16	38.74	36.83	39.87
16	13.22	10.80	8.89	11.93	62	42.43	40.01	38.10	41.14
18	14.49	12.07	10.16	13.20	64	43.70	41.28	39.37	42.41
20	15.76	13.34	11.43	14.47	66	44.97	42.55	40.64	43.68
22	17.03	14.61	12.70	15.74	68	46.24	43.82	41.91	44.95
24	18.30	15.88	13.97	17.01	70	47.51	45.09	43.18	46.22
26	19.57	17.15	15.24	18.28	72	48.78	46.36	44.45	47.49
28	20.84	18.42	16.51	19.55	74	50.05	47.63	45.72	48.76
30	22.11	19.69	17.78	20.82	76	51.32	48.90	46.99	50.03
32	23.38	20.96	19.05	22.09	78	52.59	50.17	48.26	51.30
34	24.65	22.23	20.32	23.36	80	53.86	51.44	49.53	52.57
36	25.92	23.50	21.59	24.63	82	55.13	52.71	50.80	53.84
38	27.19	24.77	22.86	25.90	84	56.40	53.98	52.07	55.11
40	28.46	26.04	24.13	27.17	86	57.67	55.25	53.34	56.38
42	29.73	27.31	25.40	28.44	88	58.94	56.52	54.61	57.65
44	31.00	28.58	26.67	29.71	90	60.21	57.79	55.88	58.92
46	32.27	29.85	27.94	30.98	92	61.48	59.06	57.15	60.19
48	33.54	31.12	29.21	32.25	94	62.75	60.33	58.42	61.46
50	34.81	32.39	30.48	33.52	96	64.02	61.60	59.69	62.73
52	36.08	33.66	31.75	34.79	98	65.29	62.87	60.96	64.00
54	37.35	34.93	33.02	36.06	100	66.56	64.14	62.23	65.27

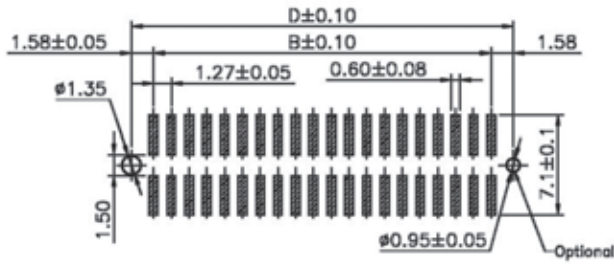
ORDERING INFORMATION:

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

1. NO. OF CONTACTS:
010~100
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE ROW SMT TYPE



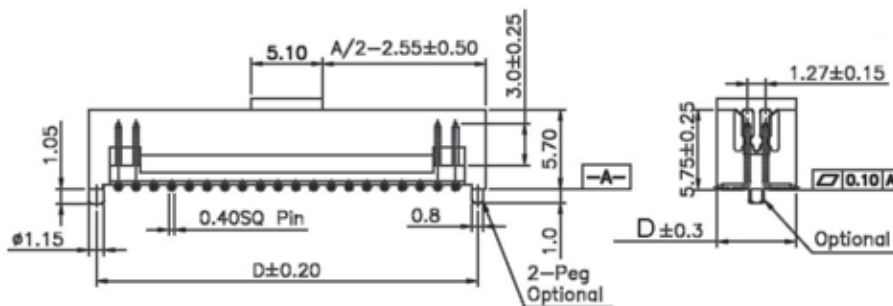
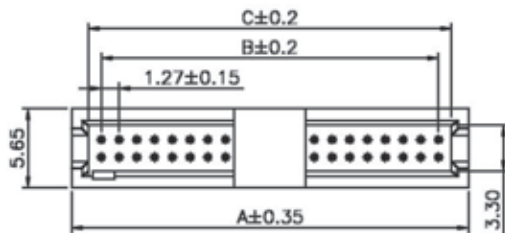
Recommended P.C. Board Layout

SPECIFICATIONS

- Current Rating: 1.0 A
- Voltage Rating: 100V AC/DC
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 500MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -25°C to +105°C

MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.



$$A = B + 4.33$$

$$B = 1.27 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

$$C = B + 1.91$$

ORDERING INFORMATION:

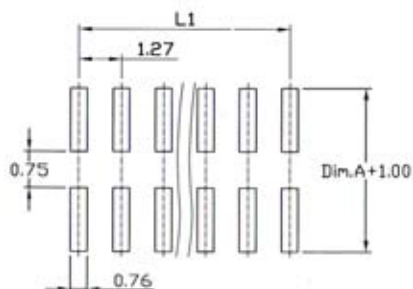
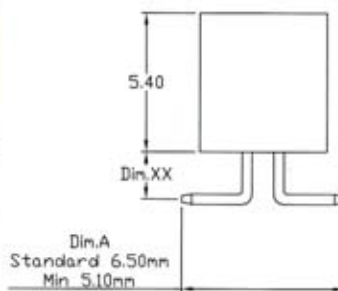
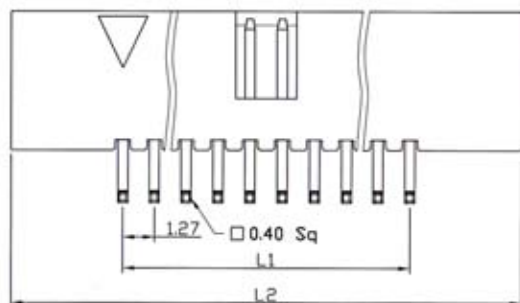
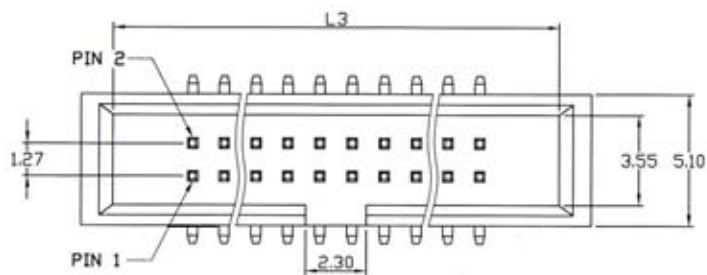
P/N 1 2 xxx - xxx x B - x
 1 2 3 4

1. CONNECTOR TYPE:
G43, G44, G45, G46, G47, G48
2. NO. OF CONTACTS:
010 ~ 100
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

PIN LENGTH D	W/O PEG	WITH PEG
5.65MM	12G43	12G44
6.30MM	12G45	12G46
7.20MM	12G47	12G48

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
Nylon-6T or LCP

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	L1	L2	L3
06	2.54	10.11	8.56
10	5.08	12.65	11.10
12	6.35	13.92	12.37
14	7.62	15.19	13.64
16	8.89	16.46	14.91
20	11.43	19.00	17.45
24	13.97	21.54	19.99
26	15.24	22.81	21.26
28	16.51	24.08	22.53
30	17.78	25.53	23.80
34	20.32	27.89	26.34
40	24.13	31.70	30.15
44	26.67	34.24	32.69
50	30.48	38.05	36.50
60	36.83	44.40	42.85
64	39.37	46.94	45.39
68	41.91	49.48	47.93
80	49.53	57.10	55.55
100	62.23	69.80	68.25

ORDERING INFORMATION:

CODE: 1 4 3 $\frac{2}{1}$ T 1 - $\frac{X X}{2}$ - $\frac{x x x x}{3}$ $\frac{x}{4}$ B - $\frac{x}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{x x x x x x}{Y Y M M D D}$ - $\frac{x x x x}{3}$ $\frac{x}{4}$ B

1. EXTERIOR CODE:

"2T1" DIM. A= 6.50mm

2. DIMENSION XX (UNIT: mm)

3. NO. OF CONTACTS:

006, 010, 012, 014, 016, 020, 024, 026,
028, 030, 034, 040, 044, 050, 060, 064,
068, 080, 100

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

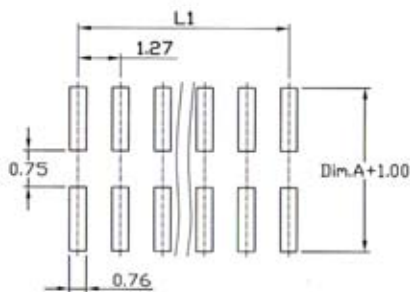
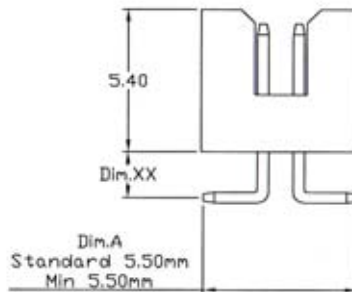
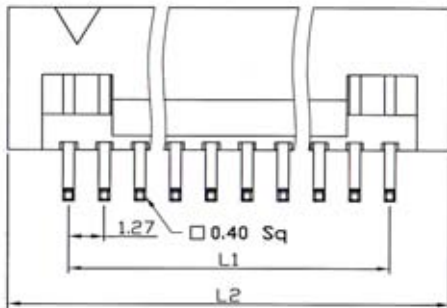
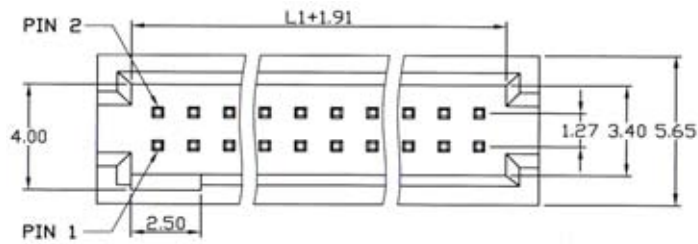
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

**DIMENSIONI
SPECIALI**

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T or LCP
 Contacts: Brass
 All materials must be RoHS compliant.

DIMENSIONS:

L1 = 1.27 x (No. of Contacts/Row - 1)
 L2 = 1.27 x No. of Contacts/Row + 3.06

ORDERING INFORMATION:

CODE: 1 4 2 $\frac{2}{1}$ T 1 - $\frac{XX}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B - $\frac{X}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XX}{YY}$ $\frac{XX}{MM}$ $\frac{XX}{DD}$ X - $\frac{XXX}{3}$ $\frac{X}{4}$ B

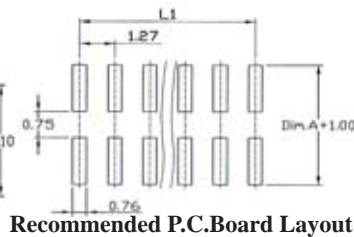
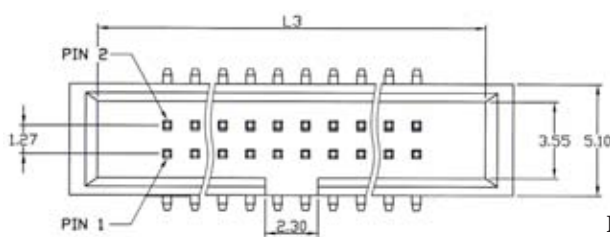
- EXTERIOR CODE:
"2T1" DIM. A= 5.50mm
- DIMENSION XX (UNIT: mm)
- NO. OF CONTACTS:
010 ~ 100
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED

- PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL
"0" BULK PACKAGE

NOTE: PAD= PICK & PLACE PAD

**DIMENSIONI
SPECIALI**

1.27MM x 1.27MM BOX HEADER SMT TYPE

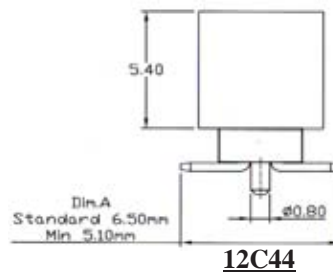
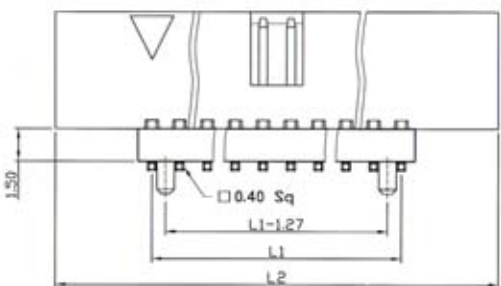
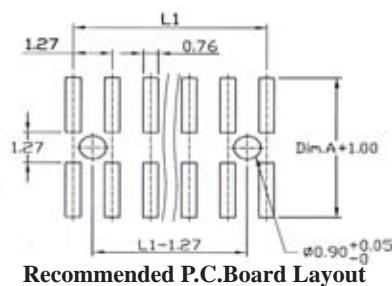
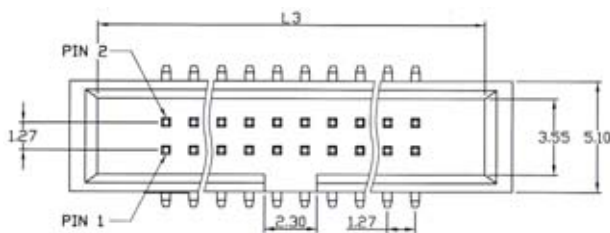
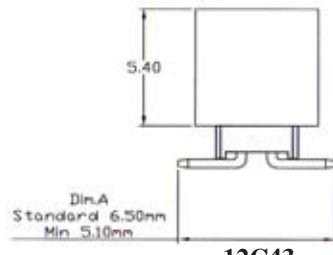
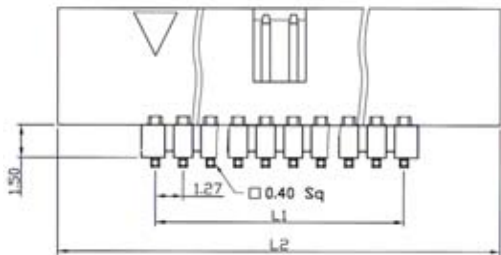


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T or LCP
Contacts: Brass
All materials must be RoHS compliant.



No. of Contacts	Dimensions(mm)		
	L1	L2	L3
06	2.54	10.11	8.56
10	5.08	12.65	11.10
12	6.35	13.92	12.37
14	7.62	15.19	13.64
16	8.89	16.46	14.91
20	11.43	19.00	17.45
24	13.97	21.54	19.99
26	15.24	22.81	21.26
28	16.51	24.08	22.53
30	17.78	25.53	23.80
34	20.32	27.89	26.34
40	24.13	31.70	30.15
44	26.67	34.24	32.69
50	30.48	38.05	36.50
60	36.83	44.40	42.85
64	39.37	46.94	45.39
68	41.91	49.48	47.93
80	49.53	57.10	55.55
100	62.23	69.80	68.25

ORDERING INFORMATION:

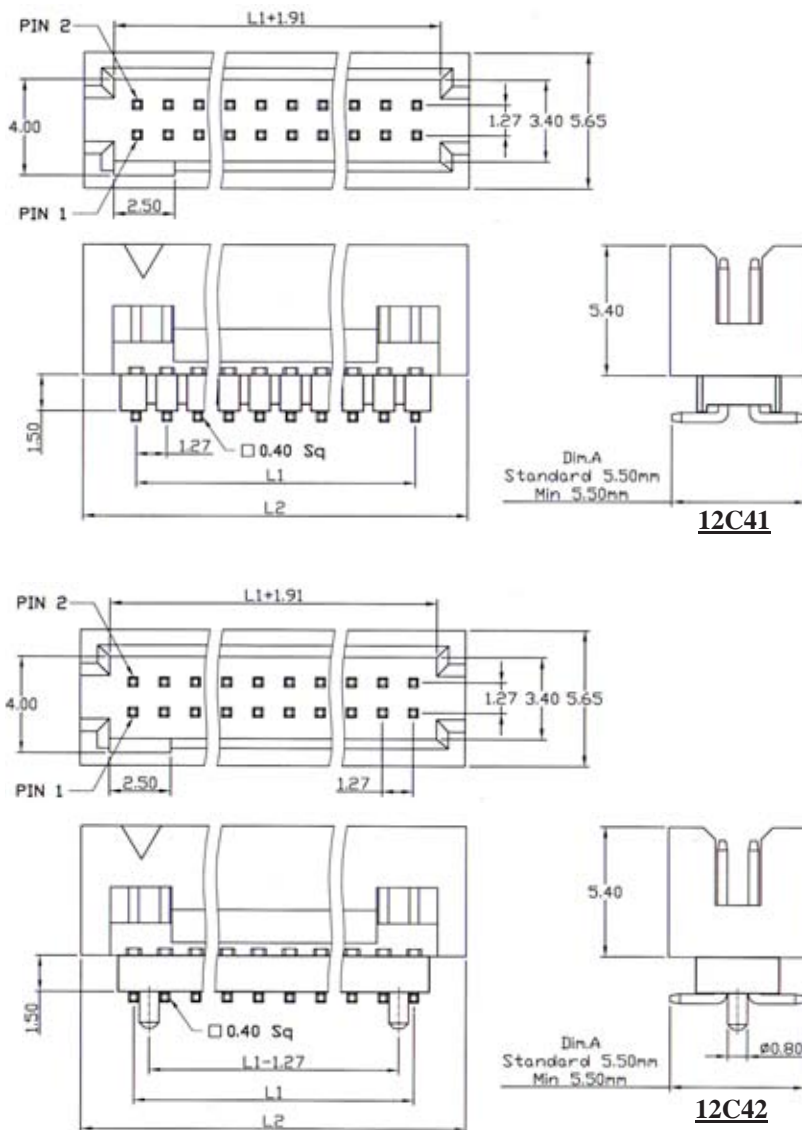
P/N 1 2 C $\frac{x}{1}$ x - $\frac{x}{2}$ x x x B - $\frac{x}{4}$

- PIN DIMENSION A:**
 "C43" A= 6.50MM W/O LOCATING PEG
 "C44" A= 6.50MM WITH LOCATING PEG
- NO. OF CONTACTS:**
 006, 010, 012, 014, 016, 020, 024, 026,
 028, 030, 034, 040, 044, 050, 060, 064,
 068, 080, 100
- CONTACT FINISH:**
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED

- PAD & PACKAGE OPTION:**
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE

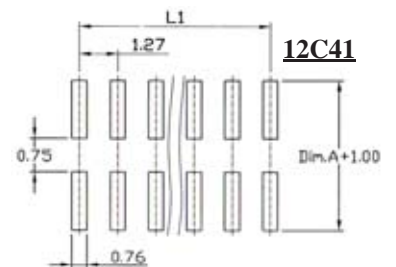


SPECIFICATIONS

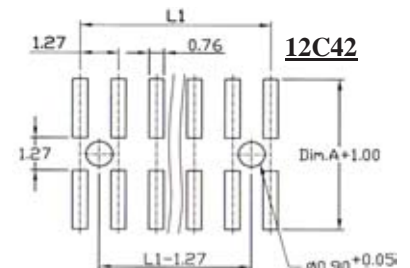
- Current Rating: 1.0 Amp
- Dielectric Withstand: 500V AC
- Insulator Resistance: 1000 MΩ min.
- Contact Resistance: 20mΩ Max.
- Operating Temperature: -40°C to + 105°C

MATERIALS

- Insulator: Thermoplastic, UL94V-0 Nylon-6T or LCP
- Contacts: Brass
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

DIMENSIONS:

- L1 = 1.27 x (No. of Contacts/Row-1)
- L2 = 1.27 x No. of Contacts/Row+3.06

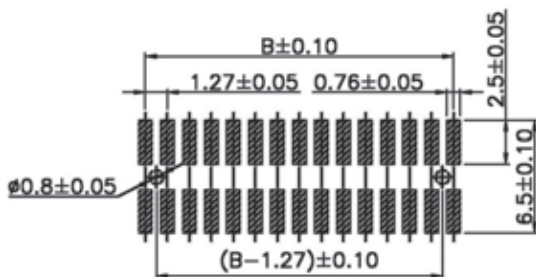
ORDERING INFORMATION:

P/N 1 2 C $\frac{x}{1}$ x - $\frac{x}{2}$ x x $\frac{x}{3}$ B - $\frac{x}{4}$

- PIN DIMENSION A:
"C41" A= 5.50MM W/O LOCATING PEG
"C42" A= 5.50MM WITH LOCATING PEG
- NO. OF CONTACTS:
010 ~ 100
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
- PAD & PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE ROW SMT TYPE



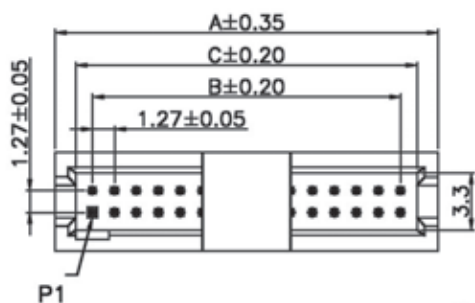
Recommended P.C.Board Layout

SPECIFICATIONS

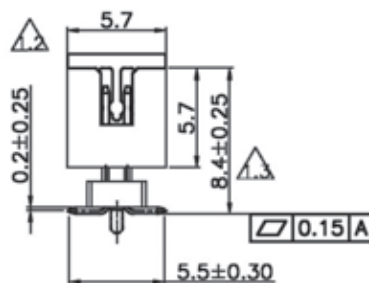
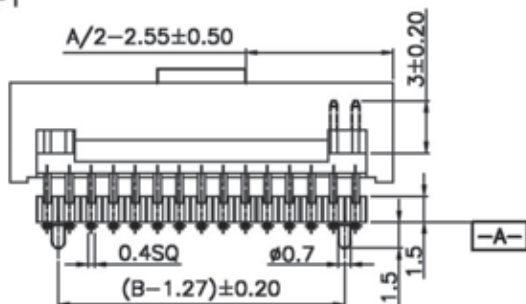
- Current Rating: 1.0 A
- Voltage Rating: 100V AC/DC
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 500MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

MATERIALS

- Insulator: NY6T UL94V-0, Black
- Contact: Brass
- All materials must be RoHS compliant.



P1



$$A = B + 4.33$$

$$B = 1.27 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

$$C = B + 1.91$$

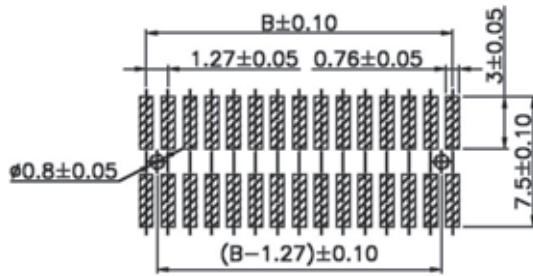
ORDERING INFORMATION:

P/N 1 2 $\frac{xxx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B - $\frac{x}{4}$

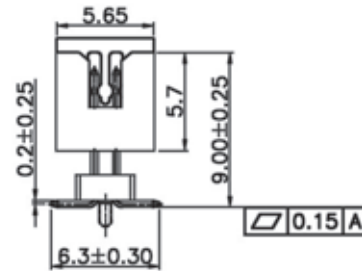
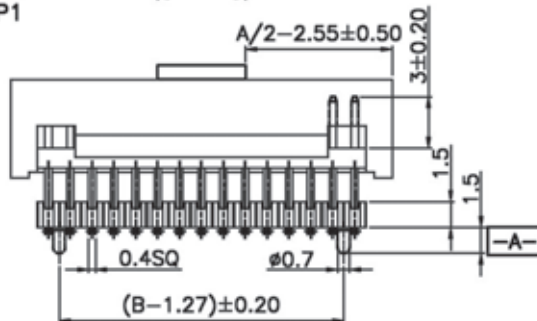
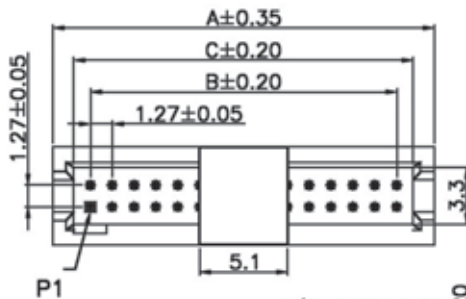
1. LOCATING PEG OPTION:
"G49" WITHOUT LOCATING PEGS
"G50" WITH LOCATING PEGS
2. NO. OF CONTACTS:
010 ~ 100
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout



$$A = B + 4.33$$

$$B = 1.27 \times (\text{NO. OF CONTACTS} / \text{ROW} - 1)$$

$$C = B + 1.91$$

SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 30mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

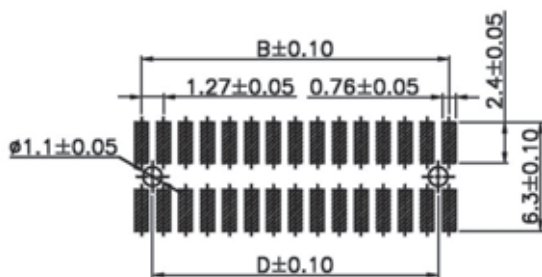
ORDERING INFORMATION:

P/N 1 2 xxx - xxx x B - x
 1 2 3 4

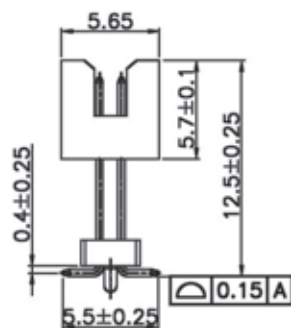
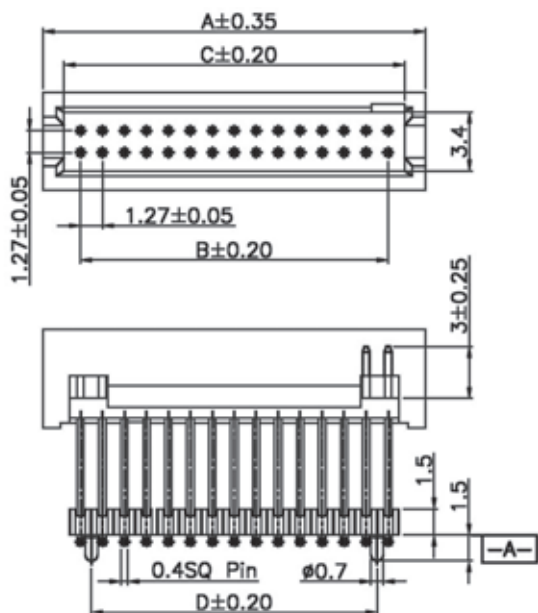
1. LOCATING PEG OPTION:
 "G51" WITHOUT LOCATING PEGS
 "G52" WITH LOCATING PEGS
2. NO. OF CONTACTS:
 010 ~ 100
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
4. PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE
 "Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE ROW SMT TYPE



Recommended P.C.Board Layout



$$A = B + 4.33$$

$$B = 1.27 \times (\text{NO. OF CONTACTS / ROW} - 1)$$

$$C = B + 1.91$$

$$D = B - 1.27$$

ORDERING INFORMATION:

P/N 1 2 x x x - x x x x B - x
 1 2 3 4

1. LOCATING PEG OPTION:
 "G53" WITHOUT LOCATING PEGS
 "G54" WITH LOCATING PEGS
2. NO. OF CONTACTS:
 010 ~ 100
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
4. PACKAGE OPTION:
 "T" W/O PAD IN TUBE
 "P" WITH PAD IN TUBE

NOTE: PAD = PICK & PLACE PAD

SPECIFICATIONS

Current Rating: 1.0 A

Voltage Rating: 100V AC/DC

Contact Resistance: 30mΩ Max.

Insulator Resistance: 5000MΩ Min.

Withstanding Voltage: 500V AC/Min.

Operating Temperature: -40°C to +105°C

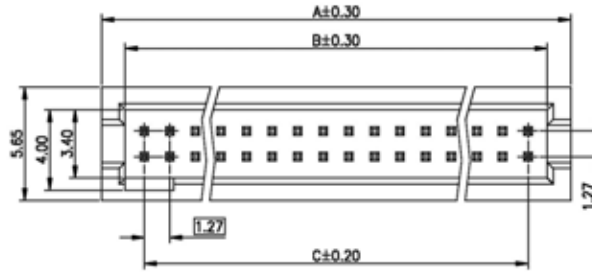
MATERIALS

Insulator: NY6T UL94V-0, Black

Contact: Brass

All materials must be RoHS compliant.

1.27MM*1.27MM BOX HEADER DOUBLE ROW SMT TYPE H = 7.5MM



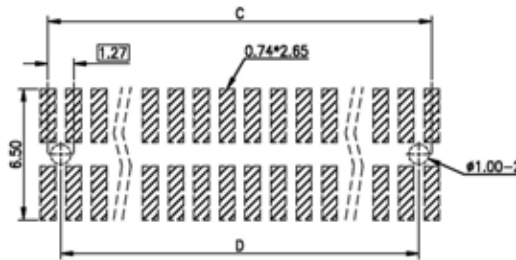
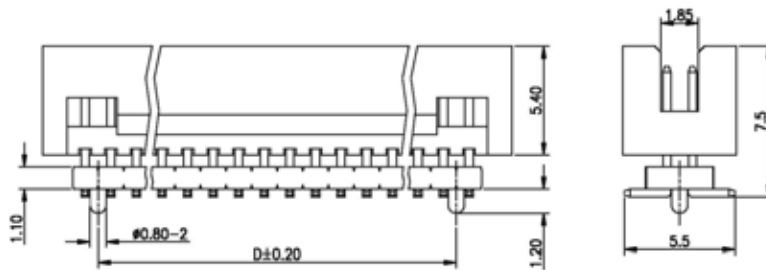
SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

MATERIALS

- Housing: Hi.-Temp. Plastic(UL 94V-0), Black
- Terminal: Sq. 0.40mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pin 数	A	B	C	D	Pin 数	A	B	C	D
10	9.41	6.99	5.08	3.81	56	38.62	36.20	34.29	33.02
12	10.68	8.26	6.35	5.08	58	39.89	37.47	35.56	34.29
14	11.95	9.53	7.62	6.35	60	41.16	38.74	36.83	35.56
16	13.22	10.80	8.89	7.62	62	42.43	40.01	38.10	36.83
18	14.49	12.07	10.16	8.89	64	43.70	41.28	39.37	38.10
20	15.76	13.34	11.43	10.16	66	44.97	42.55	40.64	39.37
22	17.03	14.61	12.70	11.43	68	46.24	43.82	41.91	40.64
24	18.30	15.88	13.97	12.70	70	47.51	45.09	43.18	41.91
26	19.57	17.15	15.24	13.97	72	48.78	46.36	44.45	43.18
28	20.84	18.42	16.51	15.24	74	50.05	47.63	45.72	44.45
30	22.11	19.69	17.78	16.51	76	51.32	48.90	46.99	45.72
32	23.38	20.96	19.05	17.78	78	52.59	50.17	48.26	46.99
34	24.65	22.23	20.32	19.05	80	53.86	51.44	49.53	48.26
36	25.92	23.50	21.59	20.32	82	55.13	52.71	50.80	49.53
38	27.19	24.77	22.86	21.59	84	56.40	53.98	52.07	50.80
40	28.46	26.04	24.13	22.86	86	57.67	55.25	53.34	52.07
42	29.73	27.31	25.40	24.13	88	58.94	56.52	54.61	53.34
44	31.00	28.58	26.67	25.40	90	60.21	57.79	55.88	54.61
46	32.27	29.85	27.94	26.67	92	61.48	59.06	57.15	55.88
48	33.54	31.12	29.21	27.94	94	62.75	60.33	58.42	57.15
50	34.81	32.39	30.48	29.21	96	64.02	61.60	59.69	58.42
52	36.08	33.66	31.75	30.48	98	65.29	62.87	60.96	59.69
54	37.35	34.93	33.02	31.75	100	66.56	64.14	62.23	60.96

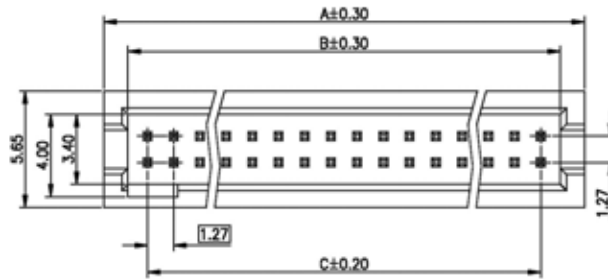
ORDERING INFORMATION:

P/N 1 2 E 1 9 - $\frac{x}{1}$ $\frac{x}{2}$ G B - $\frac{x}{3}$

- NO. OF CONTACTS:
010~100
- CONTACT FINISH:
"G" FULL GOLD PLATED
- PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM*1.27MM BOX HEADER DOUBLE ROW SMT TYPE H = 9.4MM



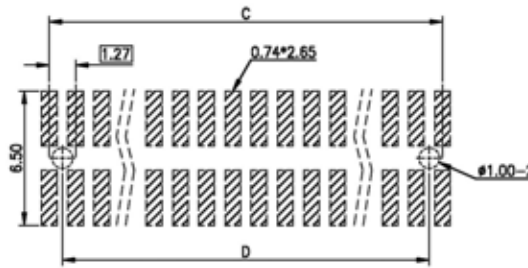
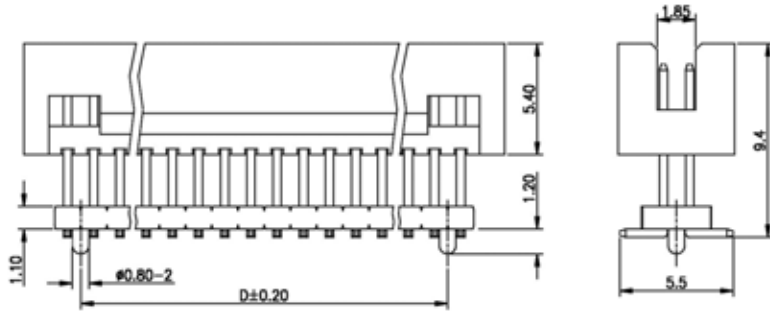
SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

MATERIALS

- Housing: Hi.-Temp. Plastic(UL 94V-0), Black
- Terminal: Sq. 0.40mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pin 數	A	B	C	D	Pin 數	A	B	C	D
10	9.41	6.99	5.08	3.81	56	38.62	36.20	34.29	33.02
12	10.68	8.26	6.35	5.08	58	39.89	37.47	35.56	34.29
14	11.95	9.53	7.62	6.35	60	41.16	38.74	36.83	35.56
16	13.22	10.80	8.89	7.62	62	42.43	40.01	38.10	36.83
18	14.49	12.07	10.16	8.89	64	43.70	41.28	39.37	38.10
20	15.76	13.34	11.43	10.16	66	44.97	42.55	40.64	39.37
22	17.03	14.61	12.70	11.43	68	46.24	43.82	41.91	40.64
24	18.30	15.88	13.97	12.70	70	47.51	45.09	43.18	41.91
26	19.57	17.15	15.24	13.97	72	48.78	46.36	44.45	43.18
28	20.84	18.42	16.51	15.24	74	50.05	47.63	45.72	44.45
30	22.11	19.69	17.78	16.51	76	51.32	48.90	46.99	45.72
32	23.38	20.96	19.05	17.78	78	52.59	50.17	48.26	46.99
34	24.65	22.23	20.32	19.05	80	53.86	51.44	49.53	48.26
36	25.92	23.50	21.59	20.32	82	55.13	52.71	50.80	49.53
38	27.19	24.77	22.86	21.59	84	56.40	53.98	52.07	50.80
40	28.46	26.04	24.13	22.86	86	57.67	55.25	53.34	52.07
42	29.73	27.31	25.40	24.13	88	58.94	56.52	54.61	53.34
44	31.00	28.58	26.67	25.40	90	60.21	57.79	55.88	54.61
46	32.27	29.85	27.94	26.67	92	61.48	59.06	57.15	55.88
48	33.54	31.12	29.21	27.94	94	62.75	60.33	58.42	57.15
50	34.81	32.39	30.48	29.21	96	64.02	61.60	59.69	58.42
52	36.08	33.66	31.75	30.48	98	65.29	62.87	60.96	59.69
54	37.35	34.93	33.02	31.75	100	66.56	64.14	62.23	60.96

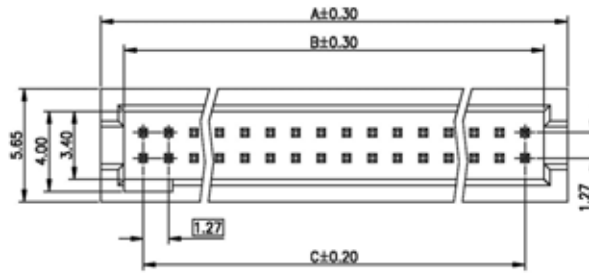
ORDERING INFORMATION:

P/N 1 2 E 2 0 - $\frac{x}{1}$ $\frac{x}{2}$ G B - $\frac{x}{3}$

1. NO. OF CONTACTS:
010~100
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM*1.27MM BOX HEADER DOUBLE ROW SMT TYPE H = 13.0MM



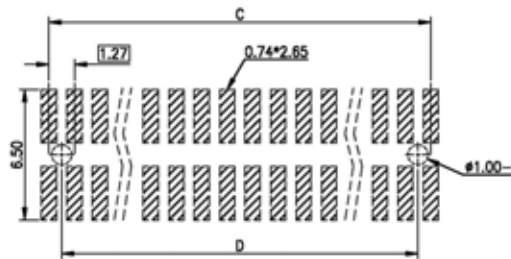
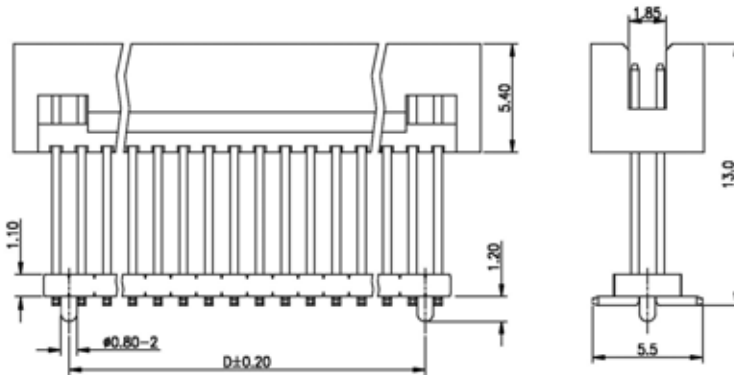
SPECIFICATIONS

- Rating Current: 1 Ampere Max.
- Insulation Resistance: 1000MΩ Min.
- Dielectric Withstanding: 600V AC
- Operating Temperature: -55°C to +105°C

MATERIALS

- Housing: Hi.-Temp. Plastic(UL 94V-0), Black
- Terminal: Sq. 0.40mm Copper Alloy, Gold Plating

* RoHS & REACH compliant.



Recommended P.C.Board Layout

Pin 數	A	B	C	D	Pin 數	A	B	C	D
10	9.41	6.99	5.08	3.81	56	38.62	36.20	34.29	33.02
12	10.68	8.26	6.35	5.08	58	39.89	37.47	35.56	34.29
14	11.95	9.53	7.62	6.35	60	41.16	38.74	36.83	35.56
16	13.22	10.80	8.89	7.62	62	42.43	40.01	38.10	36.83
18	14.49	12.07	10.16	8.89	64	43.70	41.28	39.37	38.10
20	15.76	13.34	11.43	10.16	66	44.97	42.55	40.64	39.37
22	17.03	14.61	12.70	11.43	68	46.24	43.82	41.91	40.64
24	18.30	15.88	13.97	12.70	70	47.51	45.09	43.18	41.91
26	19.57	17.15	15.24	13.97	72	48.78	46.36	44.45	43.18
28	20.84	18.42	16.51	15.24	74	50.05	47.63	45.72	44.45
30	22.11	19.69	17.78	16.51	76	51.32	48.90	46.99	45.72
32	23.38	20.96	19.05	17.78	78	52.59	50.17	48.26	46.99
34	24.65	22.23	20.32	19.05	80	53.86	51.44	49.53	48.26
36	25.92	23.50	21.59	20.32	82	55.13	52.71	50.80	49.53
38	27.19	24.77	22.86	21.59	84	56.40	53.98	52.07	50.80
40	28.46	26.04	24.13	22.86	86	57.67	55.25	53.34	52.07
42	29.73	27.31	25.40	24.13	88	58.94	56.52	54.61	53.34
44	31.00	28.58	26.67	25.40	90	60.21	57.79	55.88	54.61
46	32.27	29.85	27.94	26.67	92	61.48	59.06	57.15	55.88
48	33.54	31.12	29.21	27.94	94	62.75	60.33	58.42	57.15
50	34.81	32.39	30.48	29.21	96	64.02	61.60	59.69	58.42
52	36.08	33.66	31.75	30.48	98	65.29	62.87	60.96	59.69
54	37.35	34.93	33.02	31.75	100	66.56	64.14	62.23	60.96

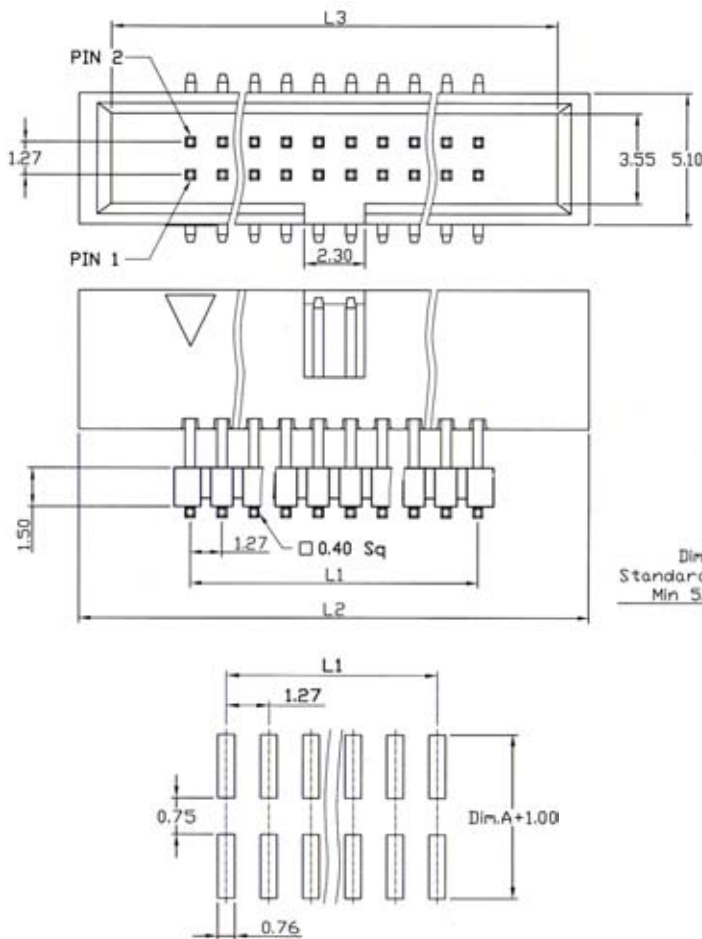
ORDERING INFORMATION:

P/N 1 2 E 2 1 - $\frac{x}{1}$ $\frac{x}{2}$ G B - $\frac{x}{3}$

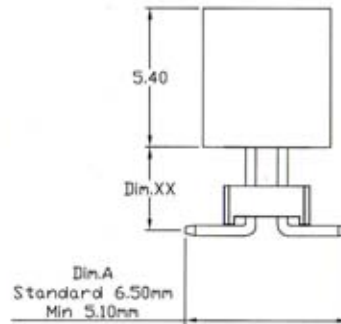
1. NO. OF CONTACTS:
010~100
2. CONTACT FINISH:
"G" FULL GOLD PLATED
3. PAD & PACKAGE OPTION:
"0" BULK PACKAGE
"T" W/O PAD IN TUBE
"P" WITH PAD IN TUBE
"Q" WITH PAD IN TAPE & REEL

NOTE: PAD = PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp

Dielectric Withstand: 500V AC

Insulator Resistance: 1000 MΩ min.

Contact Resistance: 20mΩ Max.

Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0

Nylon-6T or LCP

Contacts: Brass

All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	L1	L2	L3
06	2.54	10.11	8.56
10	5.08	12.65	11.10
12	6.35	13.92	12.37
14	7.62	15.19	13.64
16	8.89	16.46	14.91
20	11.43	19.00	17.45
24	13.97	21.54	19.99
26	15.24	22.81	21.26
28	16.51	24.08	22.53
30	17.78	25.53	23.80
34	20.32	27.89	26.34
40	24.13	31.70	30.15
44	26.67	34.24	32.69
50	30.48	38.05	36.50
60	36.83	44.40	42.85
64	39.37	46.94	45.39
68	41.91	49.48	47.93
80	49.53	57.10	55.55
100	62.23	69.80	68.25

ORDERING INFORMATION:

CODE: 1 4 3 $\frac{2}{1}$ T 6 - $\frac{XX}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B - $\frac{X}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XXX}{YY}$ $\frac{XXX}{MM}$ $\frac{XXX}{DD}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

1. EXTERIOR CODE:

"2T6" DIM. A= 6.50mm

2. DIMENSION XX (UNIT: mm)

3. NO. OF CONTACTS:

006, 010, 012, 014, 016, 020, 024, 026,
028, 030, 034, 040, 044, 050, 060, 064,
068, 080, 100

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

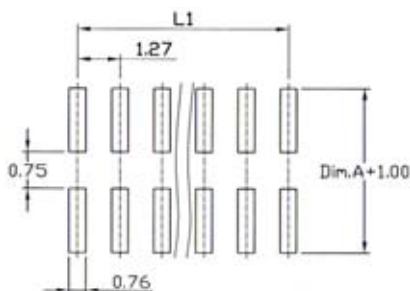
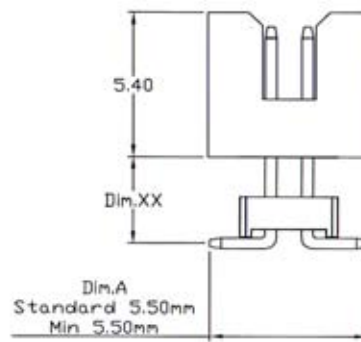
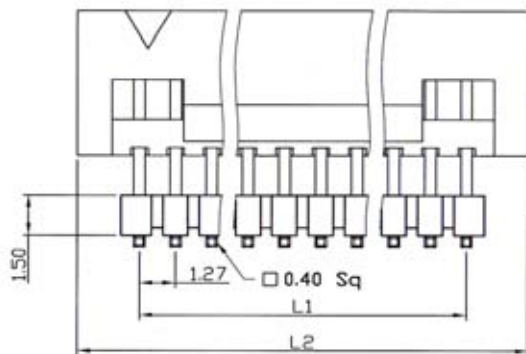
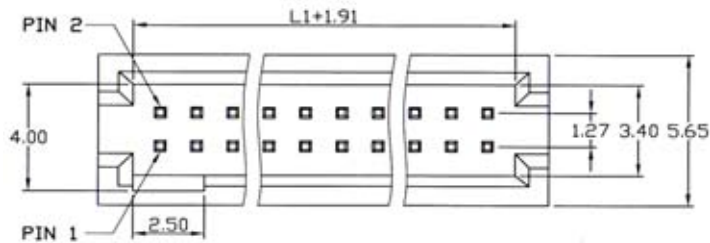
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

**DIMENSIONI
SPECIALI**

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 1.0 Amp
 Dielectric Withstand: 500V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T or LCP
 Contacts: Brass
 All materials must be RoHS compliant.

DIMENSIONS:

L1 = 1.27 x (No. of Contacts/Row - 1)
 L2 = 1.27 x No. of Contacts/Row + 3.06

ORDERING INFORMATION:

CODE: 1 4 2 2 T 6 - XX - XXX X B - X

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P XXX XXX XX - XXX X B

1. EXTERIOR CODE:

"2T6" DIM. A= 5.50mm

2. DIMENSION XX (UNIT: mm)

3. NO. OF CONTACTS:

010 ~ 100

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

"P" WITH PAD IN TUBE

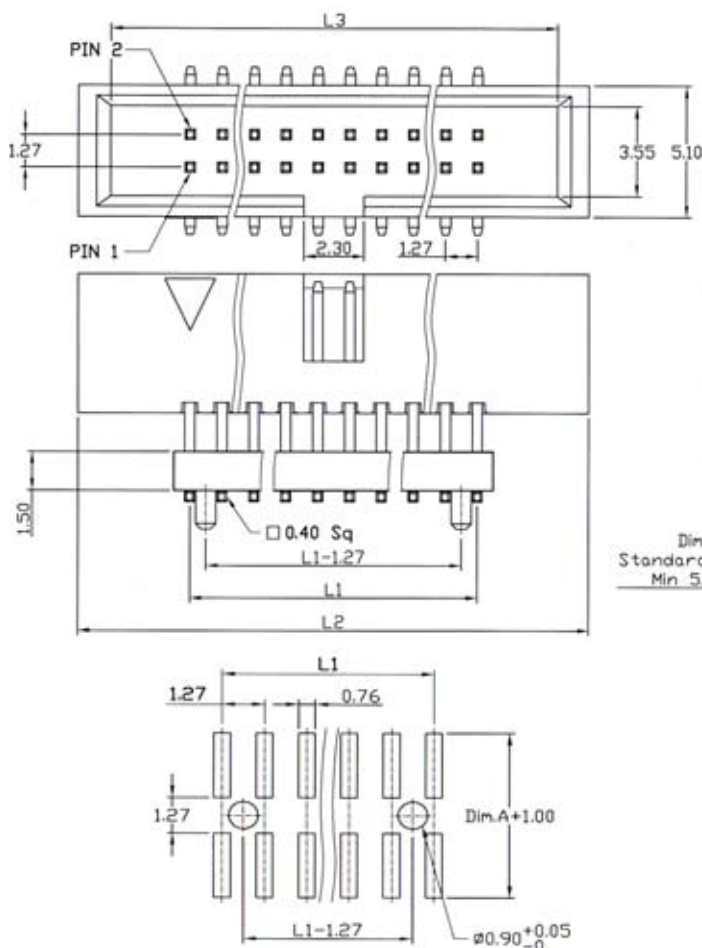
"Q" WITH PAD IN TAPE & REEL

"0" BULK PACKAGE

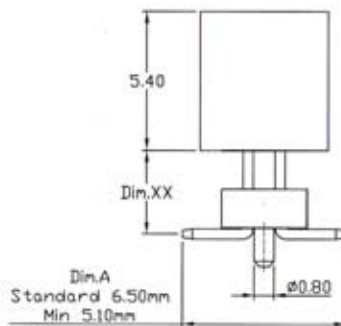
NOTE: PAD= PICK & PLACE PAD

**DIMENSIONI
SPECIALI**

1.27MM x 1.27MM BOX HEADER SMT TYPE



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T or LCP
Contacts: Brass
All materials must be RoHS compliant.

No. of Contacts	Dimensions(mm)		
	L1	L2	L3
06	2.54	10.11	8.56
10	5.08	12.65	11.10
12	6.35	13.92	12.37
14	7.62	15.19	13.64
16	8.89	16.46	14.91
20	11.43	19.00	17.45
24	13.97	21.54	19.99
26	15.24	22.81	21.26
28	16.51	24.08	22.53
30	17.78	25.53	23.80
34	20.32	27.89	26.34
40	24.13	31.70	30.15
44	26.67	34.24	32.69
50	30.48	38.05	36.50
60	36.83	44.40	42.85
64	39.37	46.94	45.39
68	41.91	49.48	47.93
80	49.53	57.10	55.55
100	62.23	69.80	68.25

ORDERING INFORMATION:

CODE: 1 4 3 $\frac{2}{1}$ T 5 - $\frac{XX}{2}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B - $\frac{X}{5}$

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P $\frac{XXXXXX}{YY MM DD}$ - $\frac{XXX}{3}$ $\frac{X}{4}$ B

1. EXTERIOR CODE:

"2T5" DIM. A= 6.50mm

2. DIMENSION XX (UNIT: mm)

3. NO. OF CONTACTS:

006, 010, 012, 014, 016, 020, 024, 026,
 028, 030, 034, 040, 044, 050, 060, 064,
 068, 080, 100

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

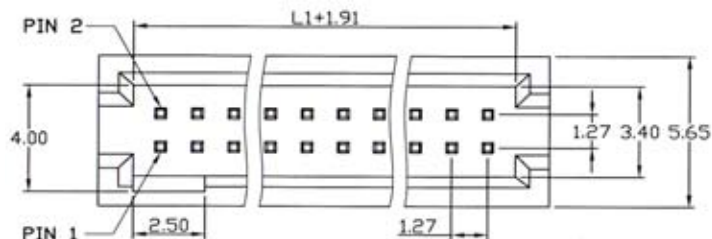
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

NOTE: PAD= PICK & PLACE PAD

**DIMENSIONI
SPECIALI**

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SMT TYPE

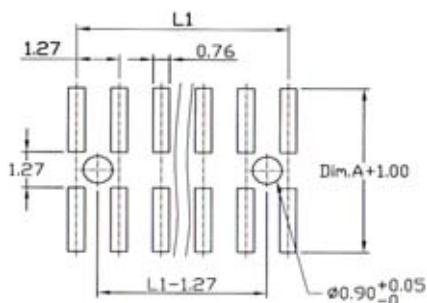
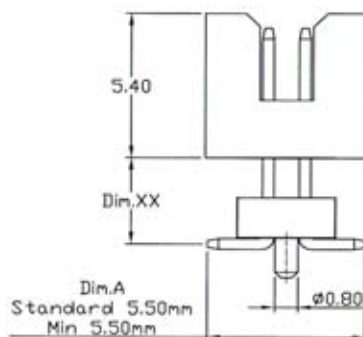
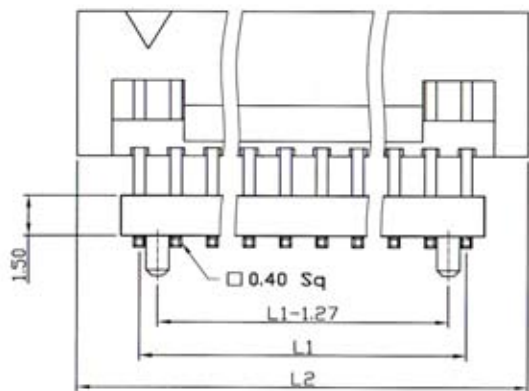


SPECIFICATIONS

Current Rating: 1.0 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 1000 MΩ min.
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulator: Thermoplastic, UL94V-0
 Nylon-6T or LCP
Contacts: Brass
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 1.27 \times (\text{No. of Contacts/Row} - 1)$
 $L2 = 1.27 \times \text{No. of Contacts/Row} + 3.06$

ORDERING INFORMATION:

CODE: 1 4 2 2 T 5 - X X - x x x x B - x

PLEASE GIVE US A CODE, THEN WE WILL GIVE YOU

P/N P x x x x x x - x x x x B

**DIMENSIONI
SPECIALI**

1. EXTERIOR CODE:

"2T5" DIM. A= 5.50mm

2. DIMENSION XX (UNIT: mm)

3. NO. OF CONTACTS:

010 ~ 100

4. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

5. PAD & PACKAGE OPTION:

"T" W/O PAD IN TUBE

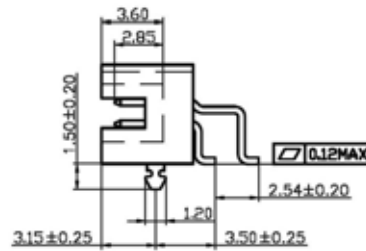
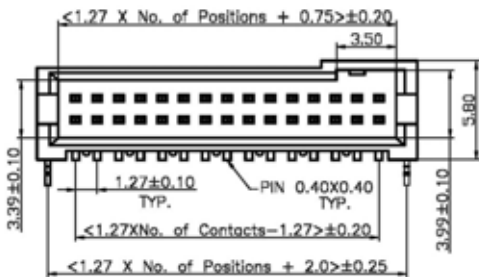
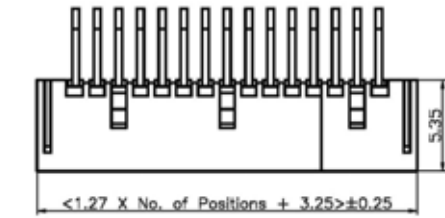
"P" WITH PAD IN TUBE

"Q" WITH PAD IN TAPE & REEL

"0" BULK PACKAGE

NOTE: PAD= PICK & PLACE PAD

1.27MM x 1.27MM BOX HEADER DOUBLE WALL SIDE ENTRY SMT TYPE



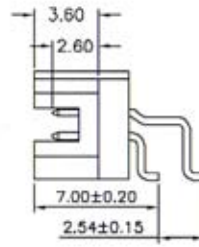
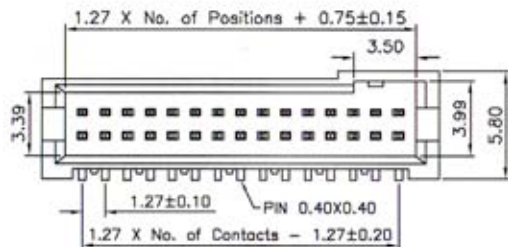
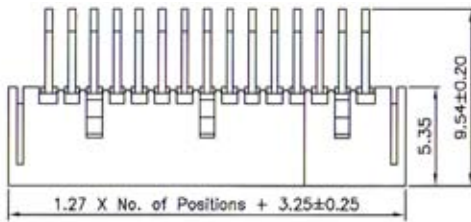
127HV

SPECIFICATIONS

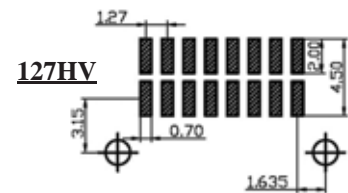
Current Rating: 1.0 Amp
 Dielectric Withstand: 300V AC
 Insulator Resistance: 1000 MΩ min.
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

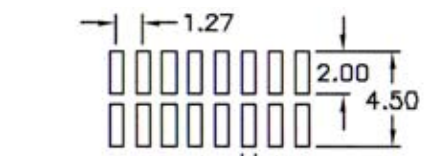
Insulator: Polyester, UL94V-0
 Nylon-6T
 Contacts: Phosphor Bronze
 All materials must be RoHS compliant.



127GH



Recommended P.C. Board Layout



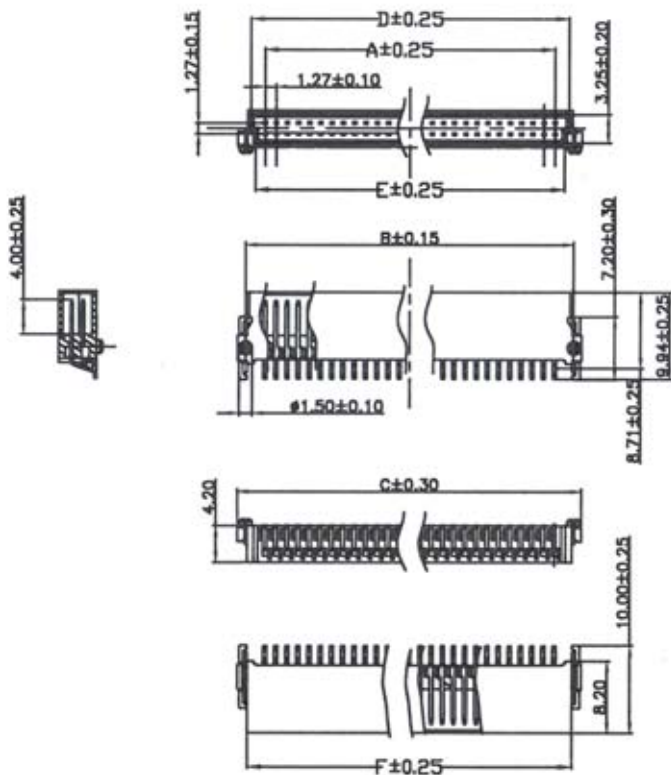
Recommended P.C. Board Layout

ORDERING INFORMATION:

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

- DIMENSION W & LOCKING CLIP:
 "HV" WITH LOCKING CLIP
 "GH" WITHOUT LOCKING CLIP
- NO. OF CONTACTS:
 010, 016, 020, 030, 040, 044, 048, 060
- CONTACT FINISH:
 "S" SELECTIVE GOLD PLATED
- PACKAGE TYPE:
 "T" W/O PAD IN TUBE
 "R" W/O PAD IN TAPE & REEL

1.27MM x 1.27MM SMC B TYPE BOX HEADER RIGHT ANGLE SMT TYPE

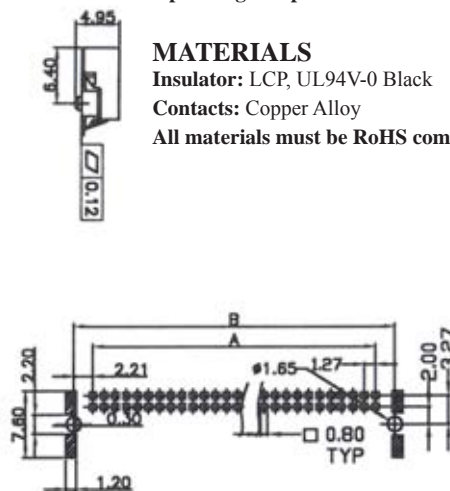


SPECIFICATIONS

Current Rating: 0.8 Amp
Dielectric Withstand: 500V AC
Insulator Resistance: 10000 M Ω min.
Contact Resistance: 25m Ω Max.
Operating Temperature: -55 $^{\circ}$ c to +125 $^{\circ}$ c

MATERIALS

Insulator: LCP, UL94V-0 Black
Contacts: Copper Alloy
 All materials must be RoHS compliant.



Recommended P.C. Board Layout

No. of Contacts	Dimensions(mm)					
	A	B	C	D	E	F
012	6.35	10.77	12.70	9.57	8.57	10.35
026	15.24	19.66	21.60	18.46	17.46	19.24
050	30.48	34.90	36.80	33.70	32.70	34.48
068	41.91	46.33	48.20	45.13	44.13	45.91
080	49.53	53.95	55.80	52.75	51.75	53.53

ORDERING INFORMATION:

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

1. NO. OF CONTACTS:
012, 026, 050, 068, 080
2. CONTACT FINISH:
"S" SELECTIVE GOLD PLATED
3. GOLD PLATING:
"01" SELECTIVE GOLD FLASH PLATED
"05" SELECTIVE 5 μ " GOLD PLATED
4. PACKAGE TYPE:
"T" W/O PAD IN TUBE
"R" W/O PAD IN TAPE & REEL