

2.54MM(0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

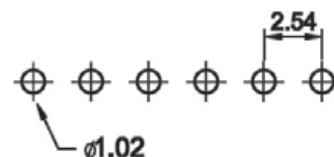
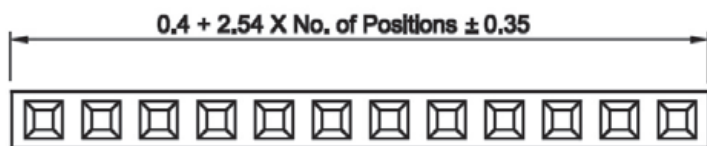
MATERIALS

Contact Material: Brass

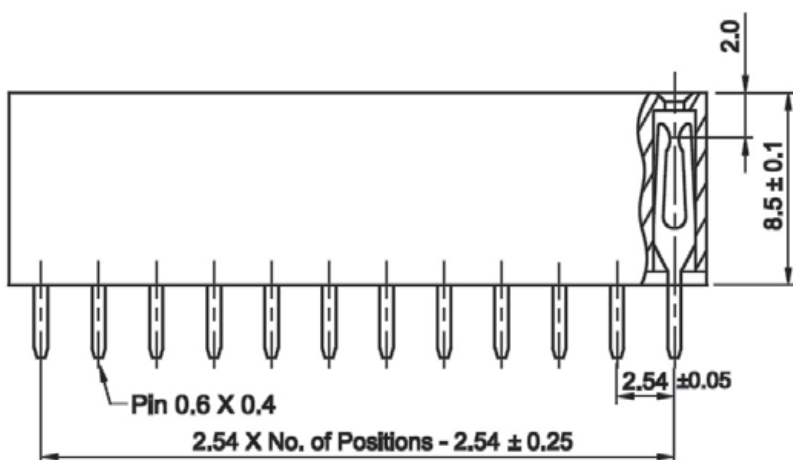
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 FA - x x x x B / x x

1. CONTACT TYPE OPTION:
"FA" SINGLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
002~040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

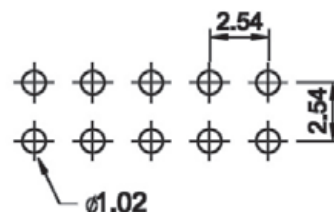
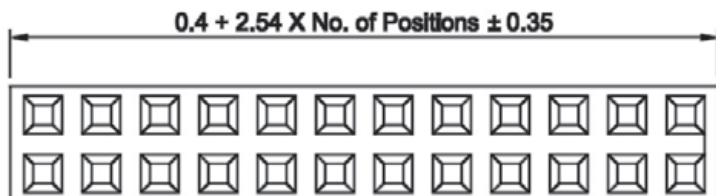
MATERIALS

Contact Material: Brass

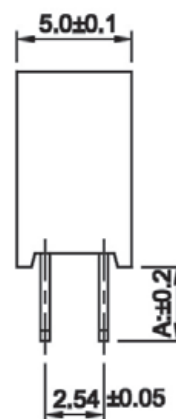
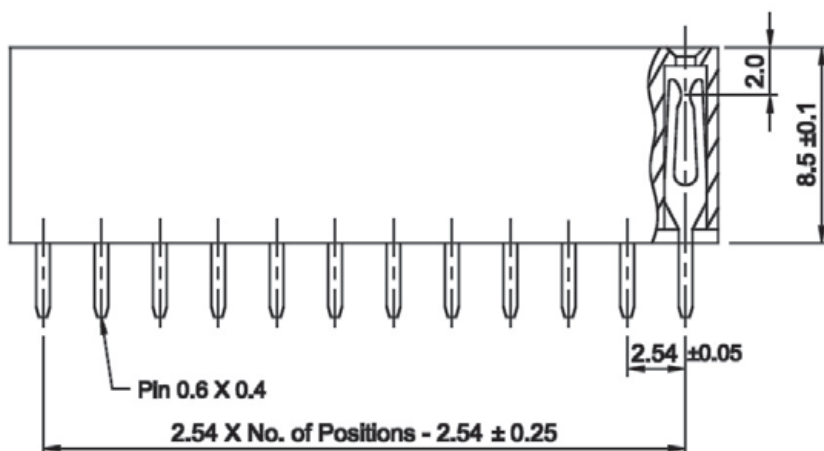
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 FB - x x x x B / x x
1 2 3 4

1. PCB LAYOUT TYPE:
"FB" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM (0.100") FEMALE HEADER TRIPLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

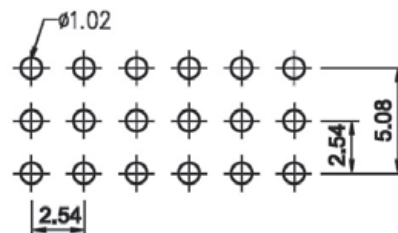
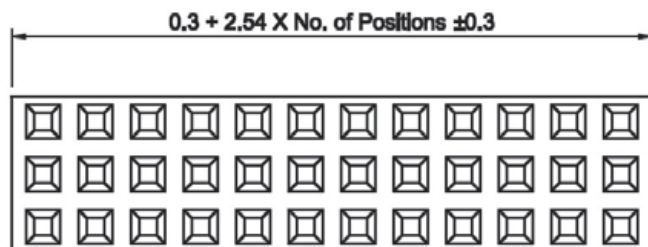
MATERIALS

Contact Material: Brass

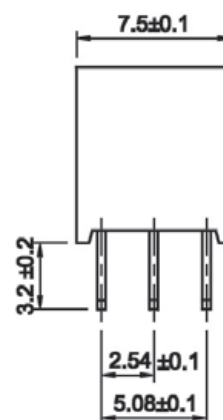
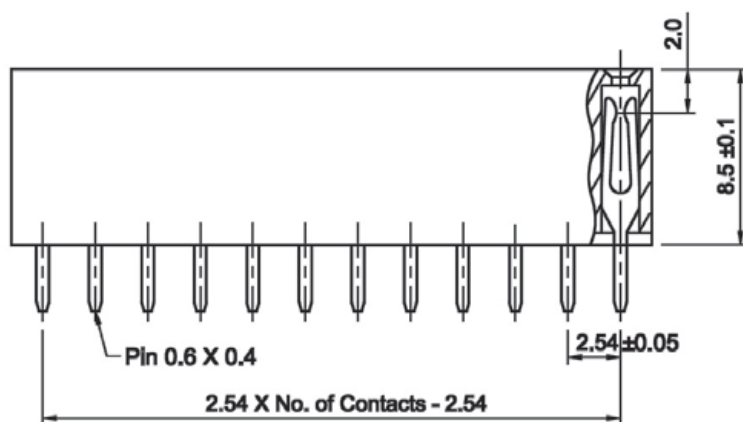
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



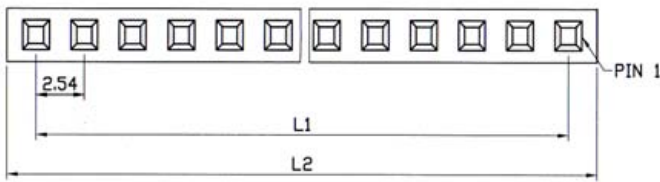
ORDERING INFORMATION:

P/N 2 5 4 FC - x x x x B / x x

1. CONTACT TYPE:
"FC" TRIPLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
009~120
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

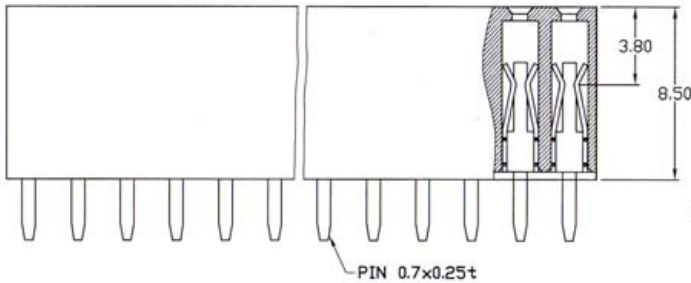
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

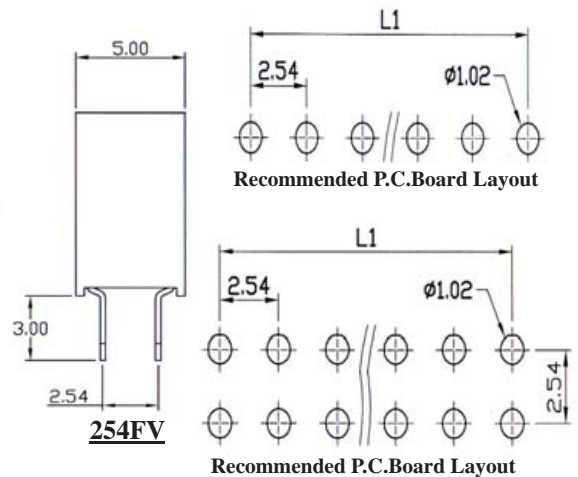
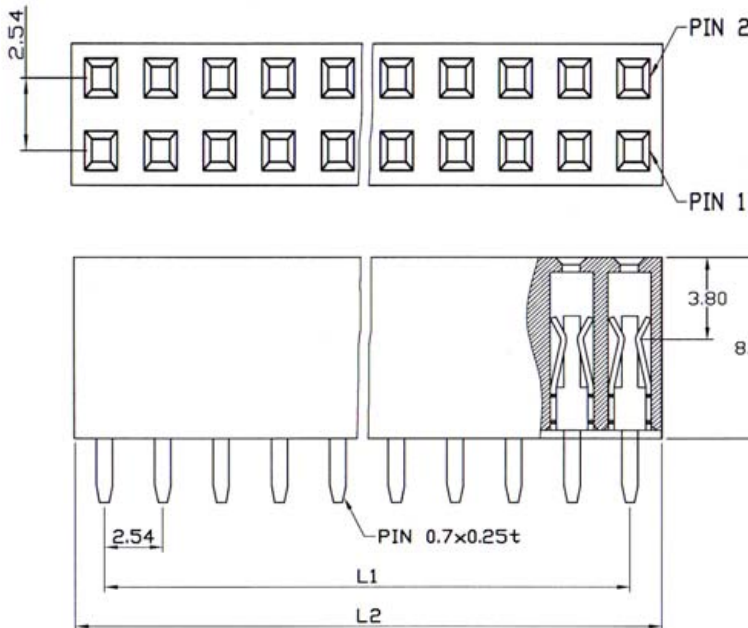


MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester Nylon-6T, UL 94V-0
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions / Row}$

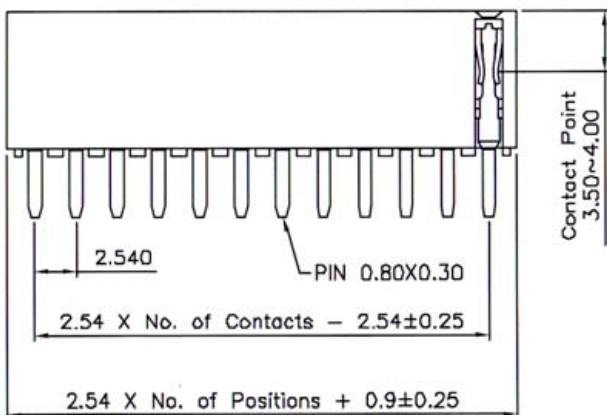
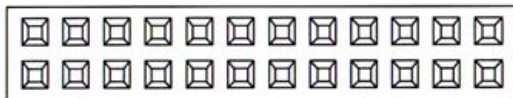
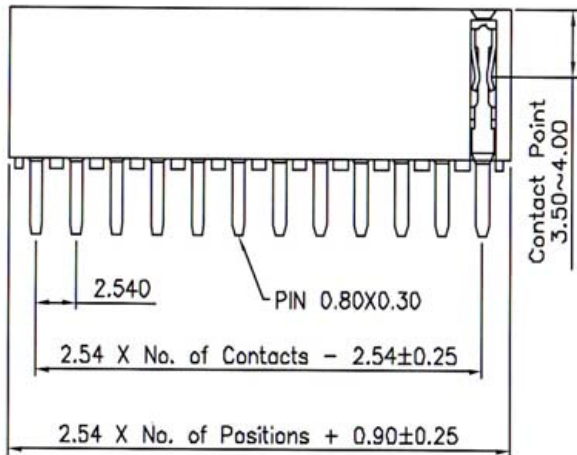


ORDERING INFORMATION:

P/N 254 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{6}{4}$ T

- NO. OF ROWS:
 "FU" SINGLE ROW
 "FV" DOUBLE ROW
- NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
- INSULATOR MATERIAL:
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=8.50MM

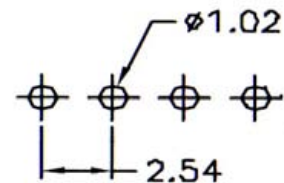
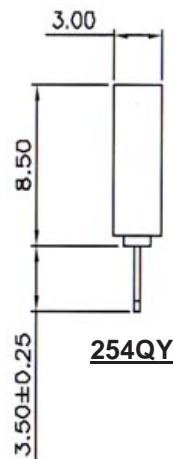


SPECIFICATIONS

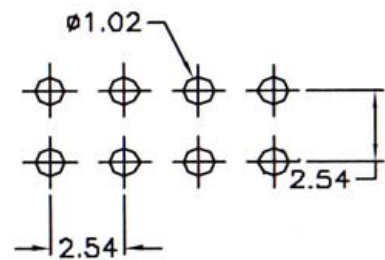
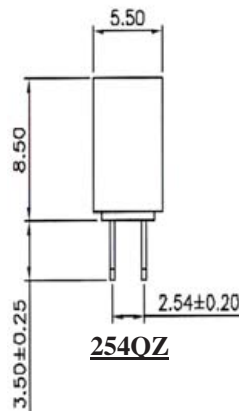
Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 254 $\frac{xx}{1}$ - $\frac{xxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

1. NO. OF ROWS:
 "QY" SINGLE ROW
 "QZ" DOUBLE ROW
2. NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
4. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

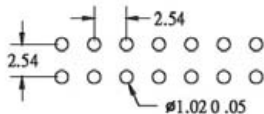
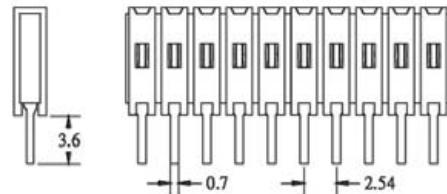
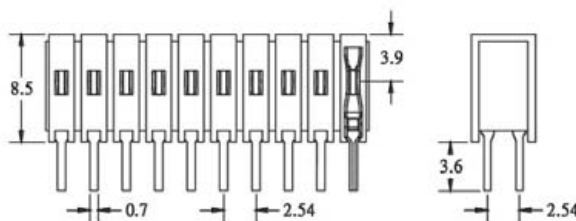
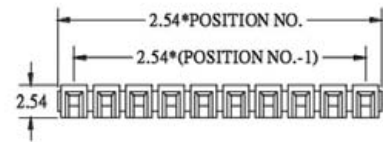
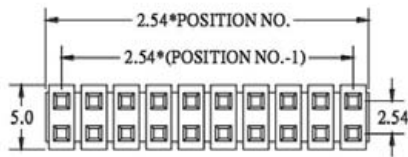
Operating Temperature: -40°C to +105°C

MATERIALS

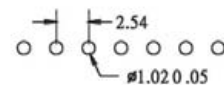
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Phosphor Bronze

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
1 2 3

1. CONTACT TYPE:

"K55" SINGLE ROW

"K56" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

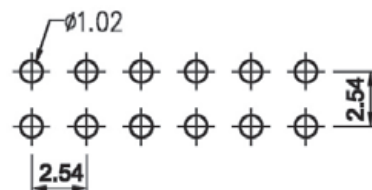
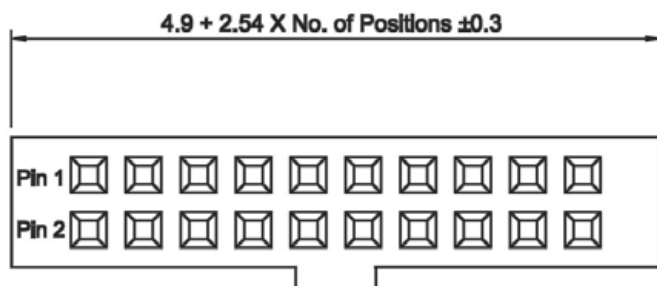
MATERIALS

Contact Material: Brass

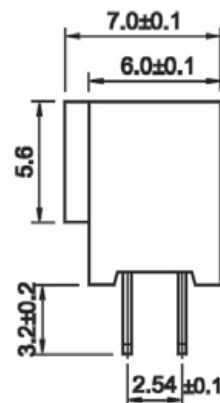
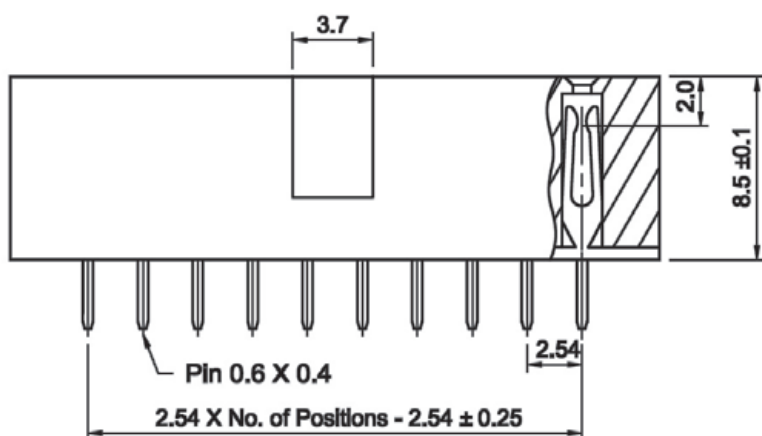
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
P.B.T. & Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 BA - x x x x B / x x

1 2 3 4

1. PCB LAYOUT TYPE:
"BA" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
004~080
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

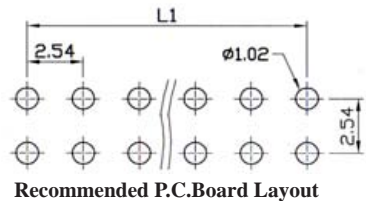
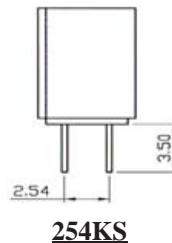
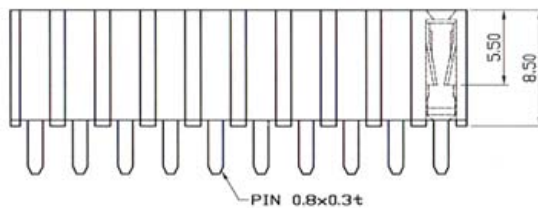
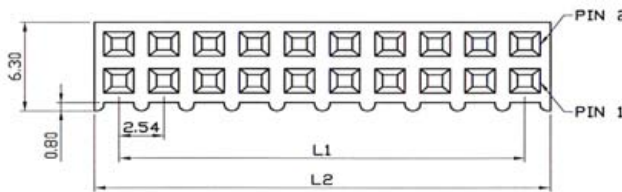
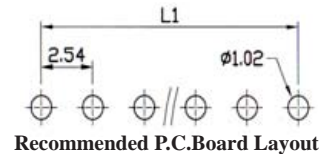
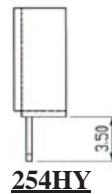
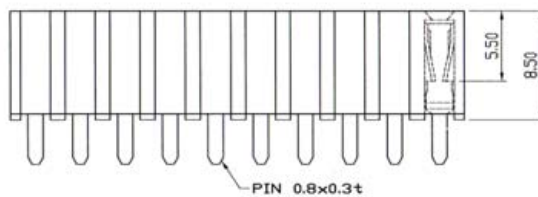
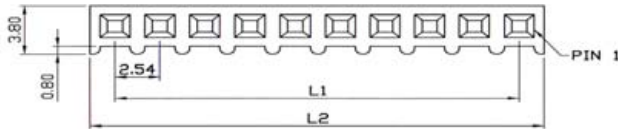
2.54MM(0.100") FEMALE HEADER MULTI-MATING TYPE PROFILE=8.50MM

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions/Row}$

ORDERING INFORMATION:

P/N 2 5 4 xx - xx xx x B

1. TERMINAL TYPE:
 "HY" SINGLE ROW STRAIGHT TYPE
 "KS" DOUBLE ROW STRAIGHT TYPE
2. NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

MATERIALS

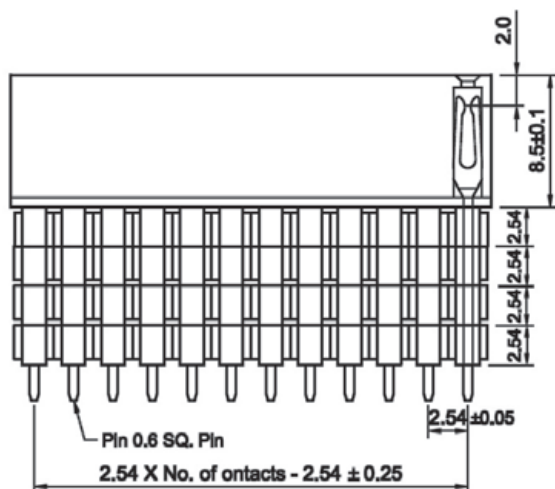
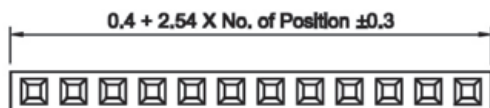
Contact Material: Brass

Contact Plating: Gold / Tin over Nickel

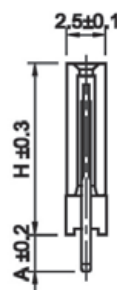
Insulator: Glass Filled Polyester (UL 94V-0)

P.B.T. & Nylon-6T

* RoHS & REACH compliant.



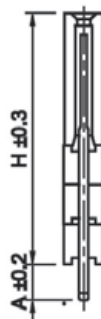
Recommended P.C.Board Layout



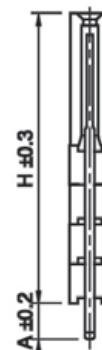
1 Story



2 Stories



3 Stories



4 Stories

ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. CONTACT TYPE OPTION:
GA, GD, GG, GK, GN, GR, GU, G1, GX, G4, G7
2. NO. OF CONTACTS:
002~040
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

TYPE	STORY	H	A
GA	1	11.04	2.3
GD	1	11.04	7.38
GG	1	11.04	12.2
GK	2	13.56	4.84
GN	2	13.56	9.65
GR	3	16.12	2.3
GU	3	16.12	7.1
G1	3	16.12	3.5
GX	4	18.66	4.6
G4	4	17.22	5.64
G7	4	21.21	2.06

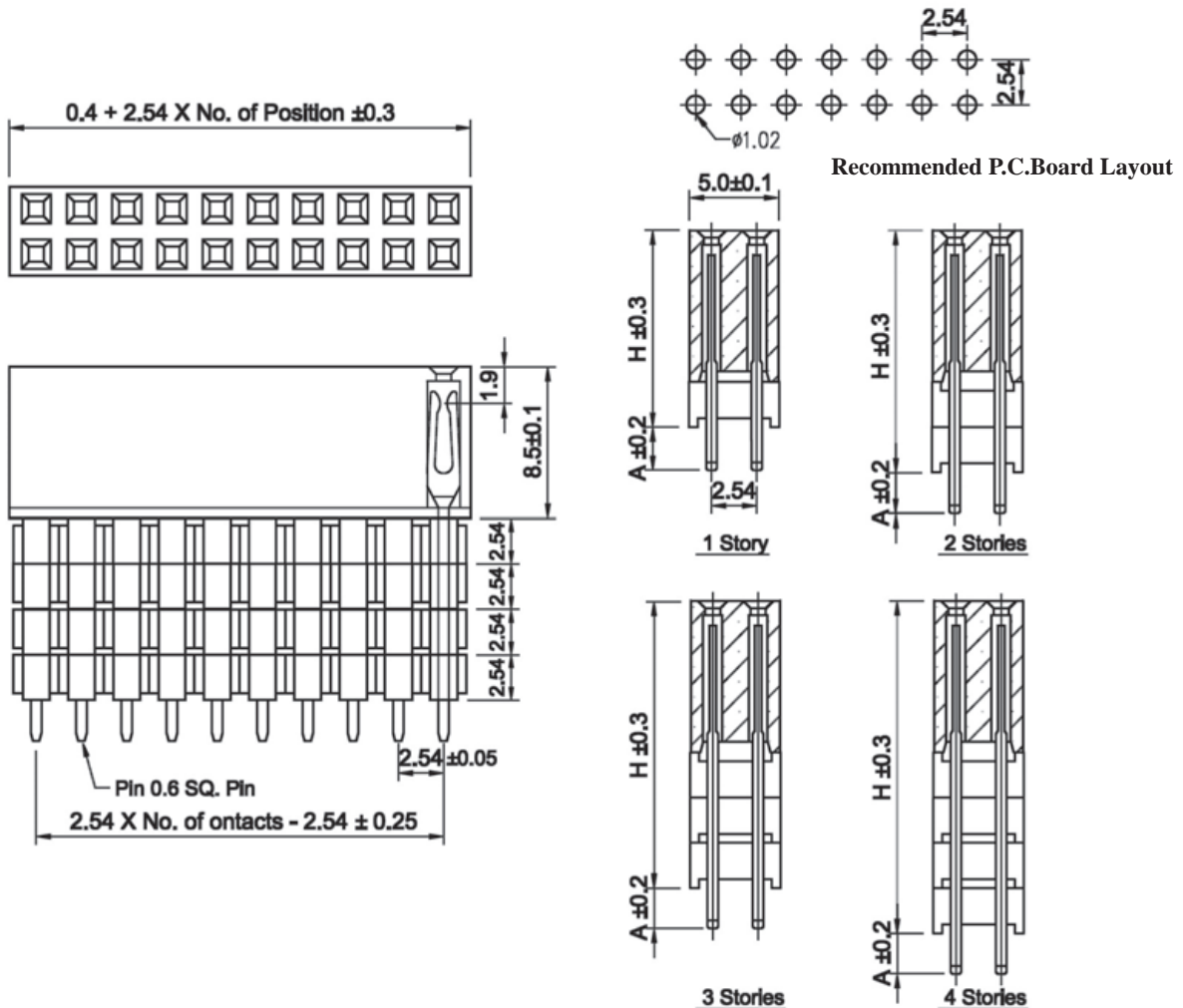
2.54MM(0.100") ELEVATED FEMALE HEADER DOUBLE ROW STRAIGHT DIP TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes
 Insulation Resistance: 1000MΩ Min.
 Dielectric Withstanding: 600V AC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Brass
 Contact Plating: Gold / Tin over Nickel
 Insulator: Glass Filled Polyester (UL 94V-0)
 P.B.T. & Nylon-6T
 * RoHS & REACH compliant.



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

- CONTACT TYPE OPTION:
GB, GE, GH, GL, GP, GS, GV, G2, GY, G5, G8
- NO. OF CONTACTS:
004~080
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR MATERIAL:
" " PBT
"6T" NYLON 6T

TYPE	STORY	H	A
GB	1	11.04	2.3
GE	1	11.04	7.38
GH	1	11.04	12.2
GL	2	13.56	4.84
GP	2	13.56	9.65
GS	3	16.12	2.3
GV	3	16.12	7.1
G2	3	16.12	3.5
GY	4	18.66	4.6
G5	4	17.22	5.64
G8	4	21.21	2.06

2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

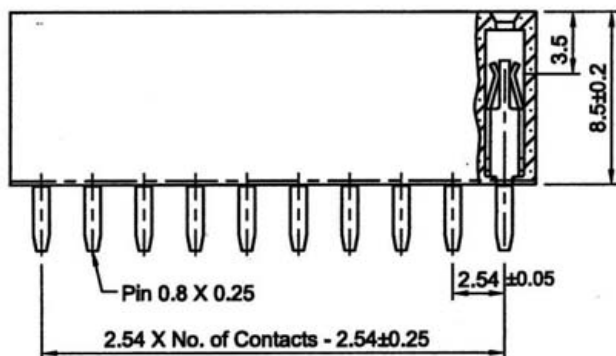
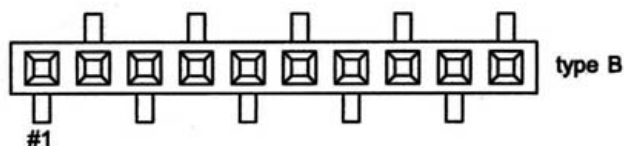
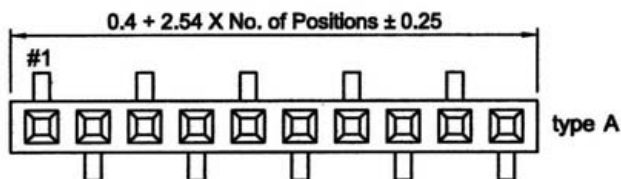
MATERIALS

Contact Material: Phosphor Bronze

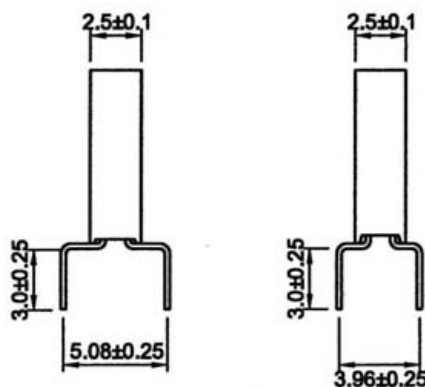
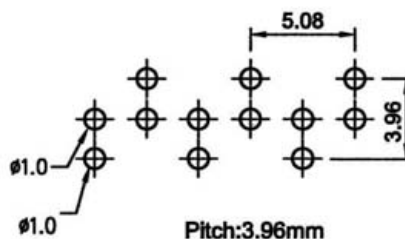
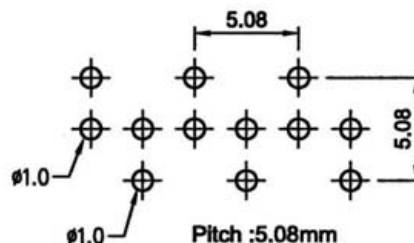
Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.



Recommended P.C.Board Layout



ORDERING INFORMATION:

P/N 2 5 4 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B - $\frac{T}{4}$

1. CONTACT TYPE:

"WJ" D= 3.96MM TYPE A

"WR" D= 3.96MM TYPE B

"WP" D= 5.08MM TYPE A

"WQ" D= 5.08MM TYPE B

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

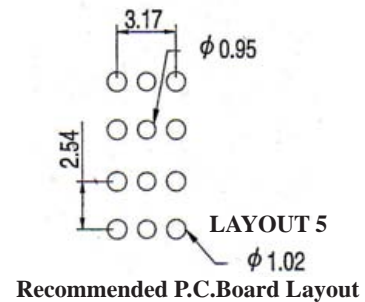
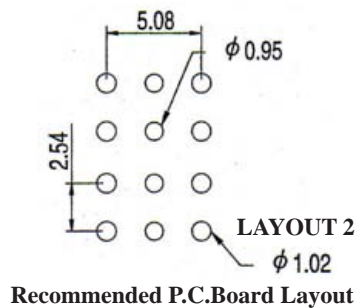
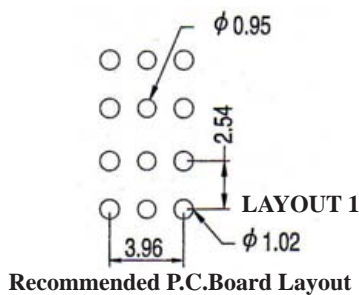
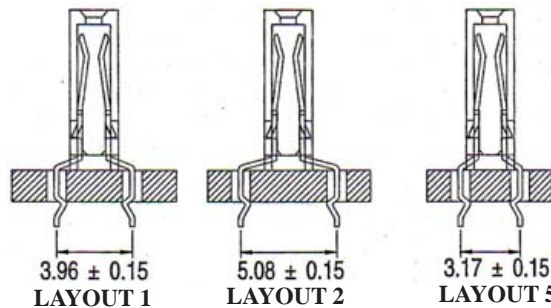
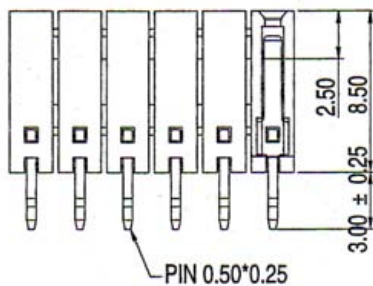
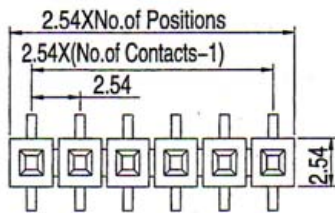
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3.0 Amp
Dielectric Withstanding: 500V AC
Insulation Resistance: 1000MΩ Min
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL94V-0
Contact Material: Phosphor Bronze
All materials must be RoHS compliant.

ORDERING INFORMATION:

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

1. LAYOUT TYPE:
"WW" LAYOUT 1
"WT" LAYOUT 2
"WE" LAYOUT 5
2. NO. OF CONTACTS:
002 ~ 032
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE TYPE:
"T" WITHOUT PAD IN TUBE
" " IN TRAY

2.54MM(0.100") FEMALE HEADER DUAL ENTRY TYPE PROFILE=8.50MM

SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

MATERIALS

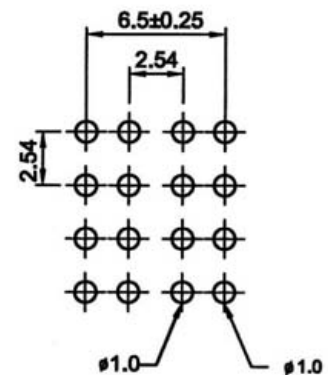
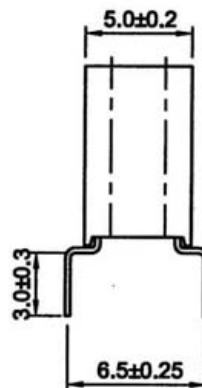
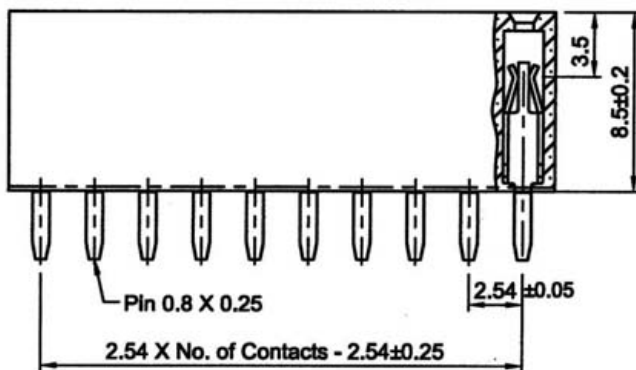
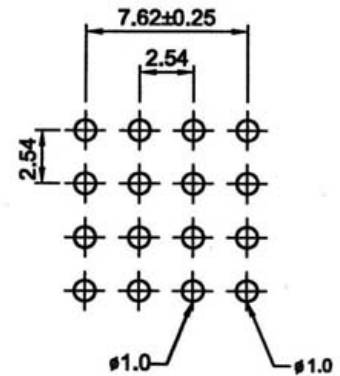
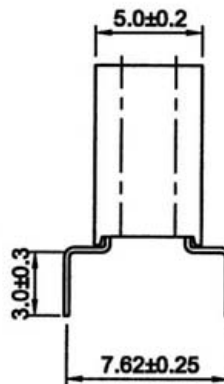
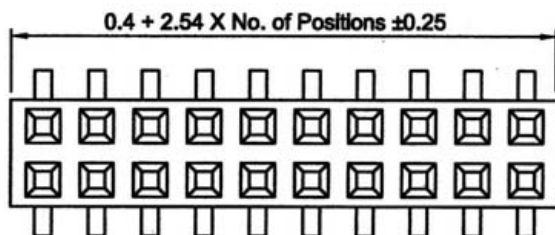
Contact Material: Phosphor Bronze

Contact Plating: Gold / Tin over Nickel

Insulator: Glass Filled Polyester (UL 94V-0)
Nylon-6T

* RoHS & REACH compliant.

Recommended P.C.Board Layout



ORDERING INFORMATION:

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

1. CONTACT TYPE:

"WF" PIN ROW PITCH= 6.50MM

"WN" PIN ROW PITCH= 7.62MM

2. NO. OF CONTACTS:

004~080

3. CONTACT FINISH:

"G" FULL GOLD PLATED

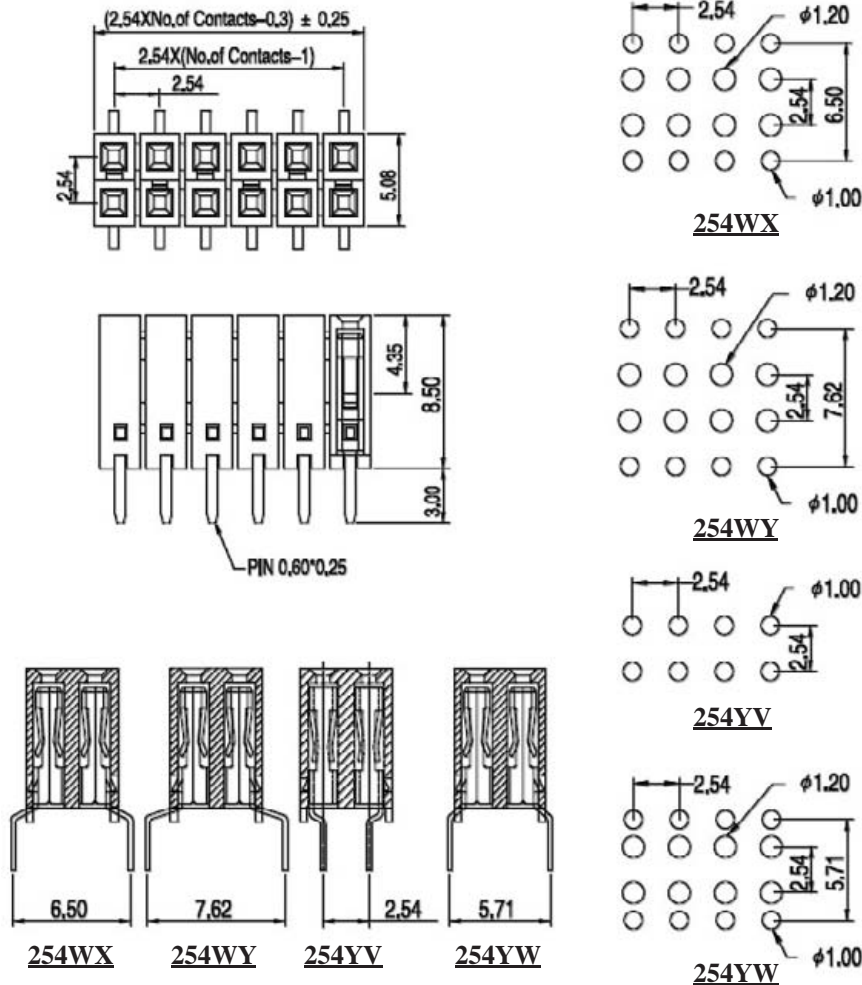
"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE TYPE:

"T" W/O PAD IN TUBE

2.54MM(0.100") FEMALE HEADER DUAL ENTRY TYPE PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3Amp
 Contact Resistance: 20mΩ Max
 Insulation Resistance: 1000MΩ Min.
 Withstanding Voltage: AC 500V
 Temperature Range: -40°C to +105°C
 Max. Processing Temp:
 230°C For 30~60 Seconds
 260°C For 10 Seconds

MATERIAL

Insulator: High Temperature Thermoplastic UL94V-0
 Contact: Stamped And Formed, Phosphor Bronze/BeCu
 Plating: Au or Sn Over Nickel
 All materials must be RoHS compliant.

ORDERING INFORMATION:

P/N 254 $\frac{1}{x}$ - $\frac{2}{xxx}$ $\frac{3}{x}$ B - $\frac{4}{T}$

1. CONNECTOR TYPE:
WX, WY, YV, YW
2. NO. OF CONTACTS:
004 ~ 090
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE TYPE:
"T" WITHOUT PAD IN TUBE
" " IN TRAY

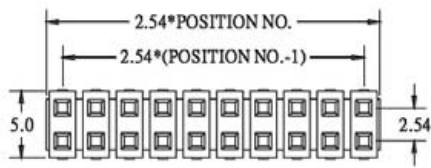
**2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY DIP TYPE
PROFILE=8.50MM**

SPECIFICATIONS

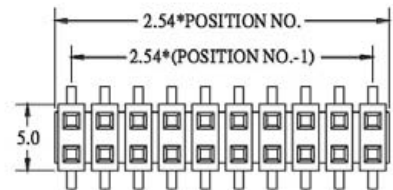
Current Rating: 1 Amp
Contact Resistance: 30mΩ Max.
Insulator Resistance: 3000 MΩ Min.
Dielectric Withstand: 500V AC For 1 Min.
Operating Temperature: -40°C to +105°C

MATERIALS

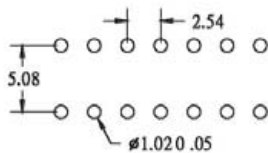
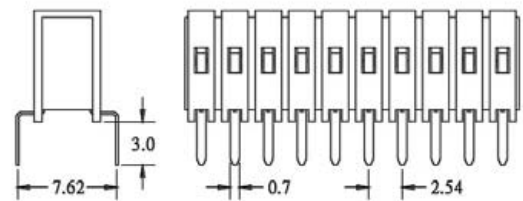
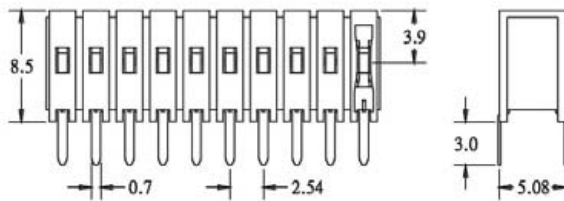
Insulator: PBT, Glass Reinforced, UL94V-0
Contacts: Phosphor Bronze
All materials must be RoHS compliant.



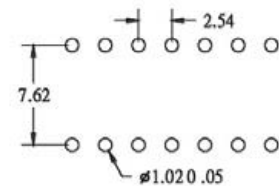
TYPE A



TYPE B



Recommended P.C.Board Layout



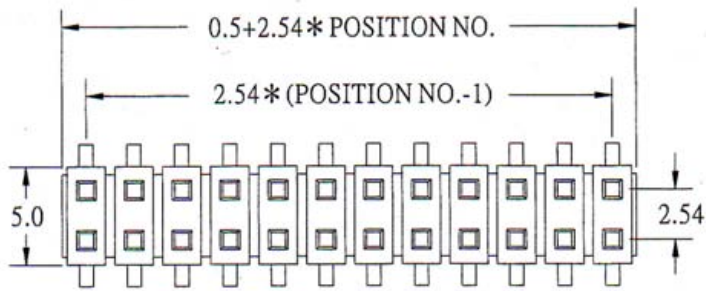
Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B
 1 2 3

1. FOOT RANK TYPE:
 "K53" TYPE A (5.08MM)
 "K54" TYPE B (7.62MM)
2. NO. OF CONTACTS:
 004 ~ 080
3. CONTACT FINISH:
 "G" FULL GOLD PLATED

2.54MM(0.100") FEMALE HEADER WITH BENDING LEGS PROFILE=8.50MM



SPECIFICATIONS

Current Rating: 3 Amp

Insulation Resistance: 1000MΩ Min

Dielectric Withstanding: 600V AC/DC

Contact Resistance: 20mΩ Max.

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

MATERIALS

Contact Material: Phosphor Bronze

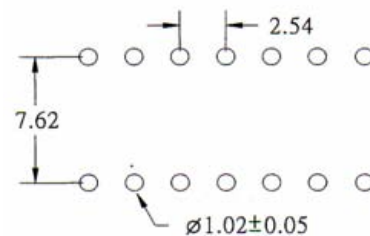
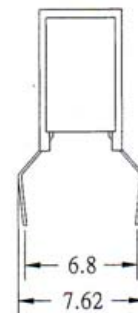
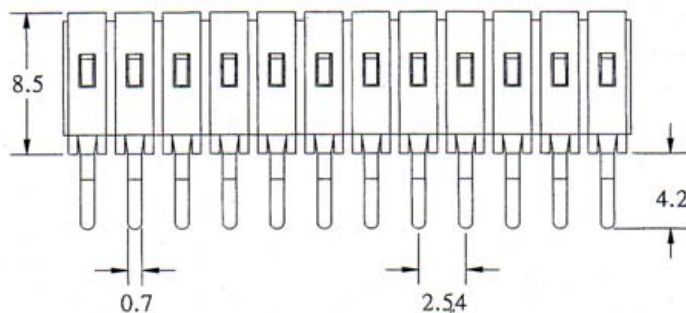
Insulation Material: Polyester, UL 94V-0

P.B.T

Contact Plating: Full Gold, Full Tin, Selective Plated

Standard: Gold Flash all Over Nickel

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 N E - $\frac{x \ x \ x \ x}{1 \ 2} B$

1. NO. OF CONTACTS:

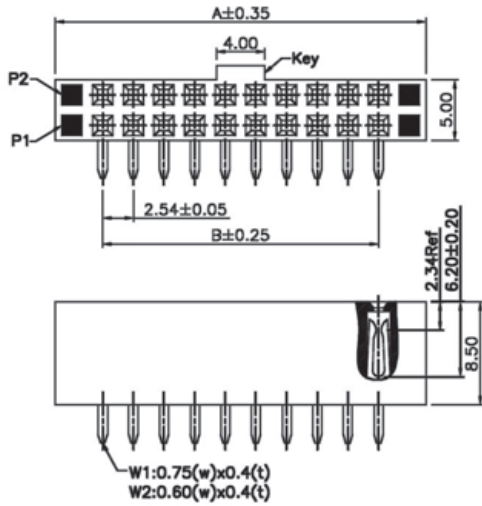
004 ~ 080

2. CONTACT FINISH:

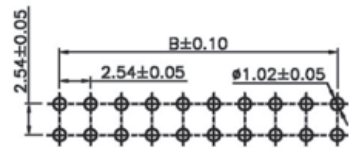
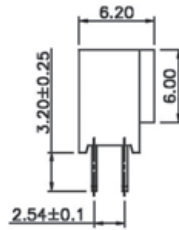
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

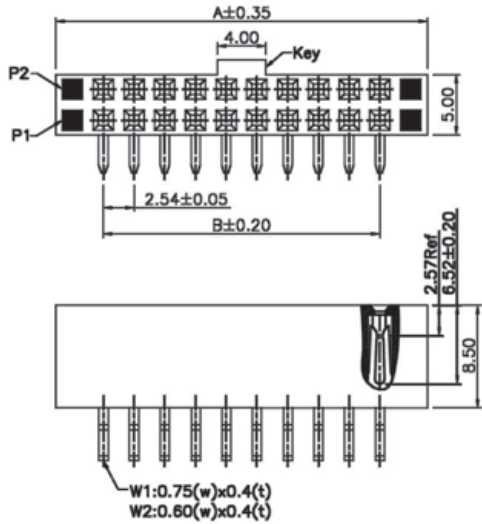
2.54MM(0.100") FEMALE HEADER DOUBLE ROW WITH POLARIZATION BUMP PROFILE=8.50MM



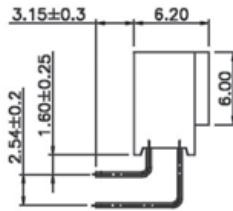
25H51



Recommended P.C.Board Layout



25H52



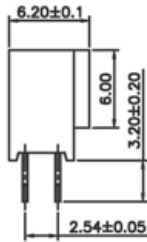
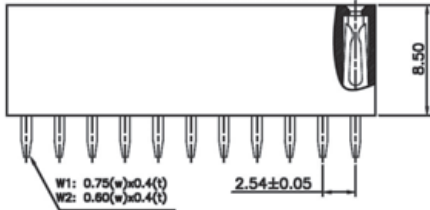
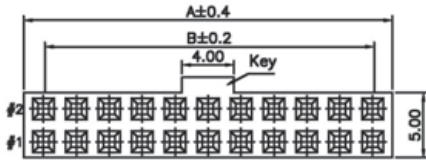
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
10	18.28	10.16
14	23.36	15.24
16	25.90	17.78
20	30.98	22.86
26	38.60	30.48
30	43.68	35.56
34	48.76	40.64
40	56.38	48.26
50	69.08	60.96
64	86.86	78.74

ORDERING INFORMATION:

P/N 25 $\frac{1}{x x x}$ - $\frac{2}{x x x}$ $\frac{3}{x}$ B / $\frac{4}{x x}$

- CONTACT TYPE:
"H51" STRAIGHT DIP TYPE
"H52" RIGHT ANGLE DIP TYPE
- NO. OF CONTACTS:
010, 014, 016, 020, 026,
030, 034, 040, 050, 064
- CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
- INSULATOR MATERIAL:
" " PBT
"6T" NYLON-6T

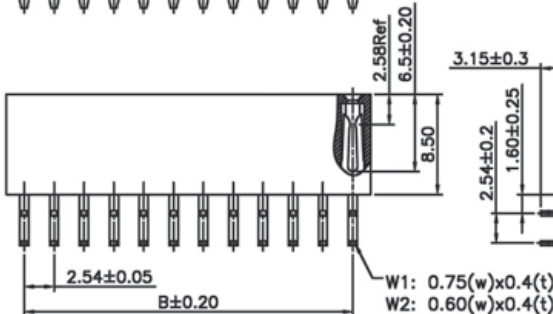
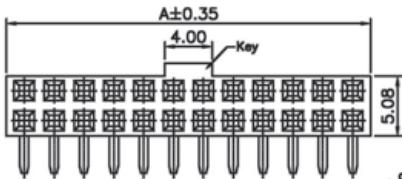
**2.54MM(0.100") FEMALE HEADER DOUBLE ROW
WITH POLARIZATION BUMP PROFILE=8.50MM**



25K79

$A = B + 2.54$

$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$



25K80

$A = B + 2.54$

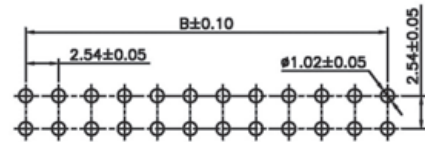
$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$

SPECIFICATIONS

- Current Rating: 3.0 A
- Voltage Rating: 250V AC/DC
- Contact Resistance: 20mΩ Max.
- Insulator Resistance: 1000MΩ Min.
- Withstanding Voltage: 500V AC/Min.
- Operating Temperature: -40°C to +105°C

MATERIALS

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



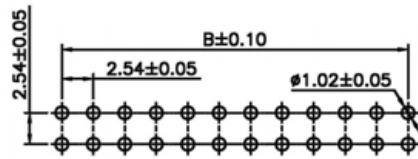
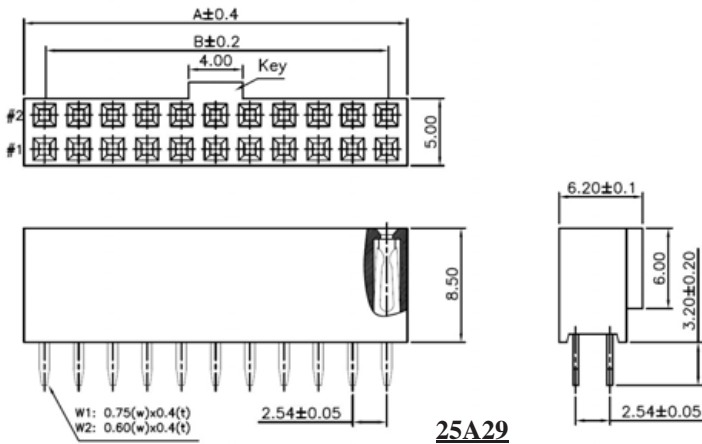
Recommended P.C.Board Layout

ORDERING INFORMATION:

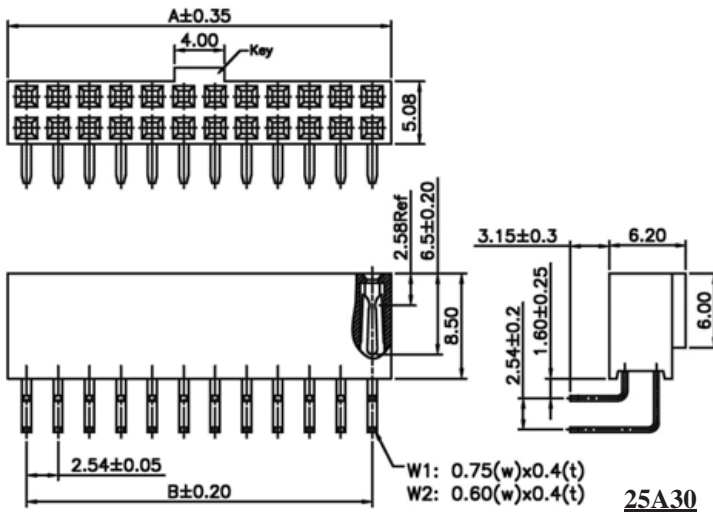
P/N 25 $\frac{1}{x x x}$ - $\frac{2}{x x x}$ $\frac{3}{x}$ B - $\frac{4}{x}$

1. CONTACT TYPE:
"K79" STRAIGHT DIP TYPE
"K80" RIGHT ANGLE DIP TYPE
2. NO. OF CONTACTS:
006 ~ 064 FOR STRAIGHT DIP TYPE
010 ~ 050 FOR RIGHT ANGLE DIP TYPE
3. CONTACT FINISH:
"G" FULL GOLD PLATED
"S" SELECTIVE GOLD PLATED
"T" FULL TIN PLATED
4. PACKAGE OPTION:
"T" W/O PAD IN TUBE
"O" IN TRAY

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



Recommended P.C.Board Layout



SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 500V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Brass
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
All materials must be RoHS compliant.

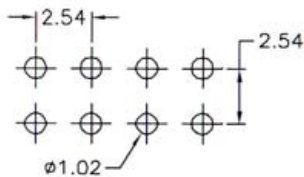
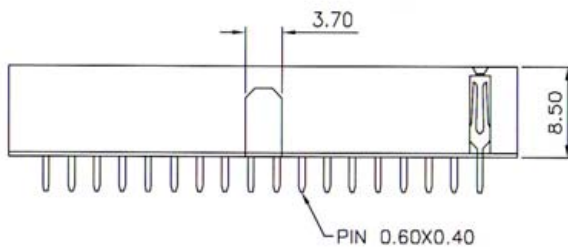
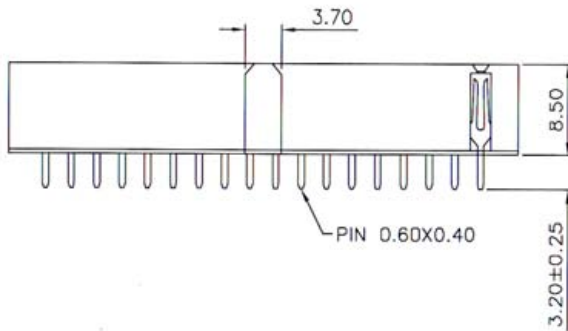
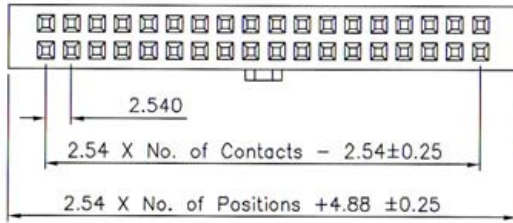
NO. OF CONTACTS	DIMENSIONS(MM)	
	A	B
6	8.12	5.08
8	10.66	7.62
10	13.20	10.16
12	15.74	12.70
14	18.28	15.24
16	20.82	17.78
18	23.36	20.32
20	25.90	22.86
22	28.44	25.40
24	30.98	27.94
26	33.52	30.48
28	36.06	33.02
30	38.60	35.56
32	41.14	38.10
34	43.68	40.64
36	46.22	43.18
38	48.76	45.72
40	51.30	48.26
42	53.84	50.80
44	56.38	53.34
46	58.92	55.88
48	61.46	58.42
50	64.00	60.96
52	66.54	63.50
54	69.08	66.04
56	71.62	68.58
58	74.16	71.12
60	76.70	73.66
62	79.24	76.20
64	81.78	78.74

ORDERING INFORMATION:

P/N 25 $\frac{A}{1} \frac{xx}{2} \frac{xx}{3} \frac{B}{4} / \frac{xx}{4}$

- TERMINAL TYPE:
 "A29" STRAIGHT TYPE
 "A30" RIGHT ANGLE TYPE
- NO. OF CONTACTS:
 004 ~ 080
- CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED
- INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



Recommended P.C.Board Layout

SPECIFICATIONS

Current Rating: 3.0 Amp

Dielectric Withstanding: 600V AC

Insulation Resistance: 1000M Ω Min

Contact Resistance: 20m Ω Max.

Operating Temperature: -40 $^{\circ}$ C to + 105 $^{\circ}$ C

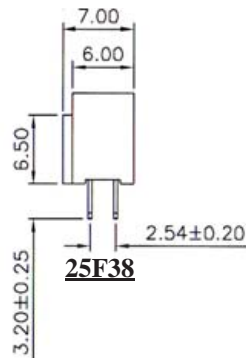
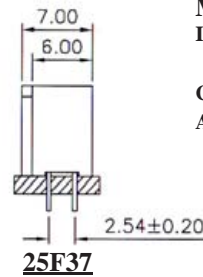
MATERIALS

Insulation Material: UL 94V-0

P.B.T or Nylon-6T

Contact Material: Phosphor Bronze

All materials must be RoHS compliant.



ORDERING INFORMATION:

P/N 25 Fxx - xxxx B / xx

1 2 3 4

1. POLARIZATION BUMP DIMENSION:

"F37" 3.70/8.50MM

"F38" 3.70/6.50MM

2. NO. OF CONTACTS:

006 ~ 072

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

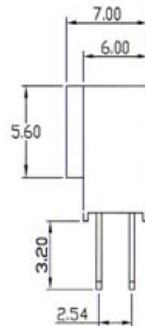
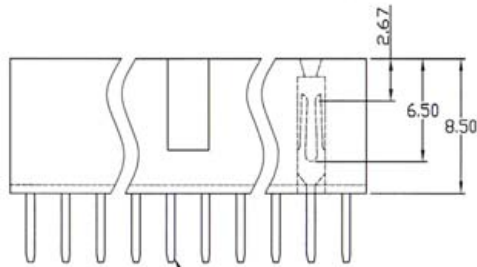
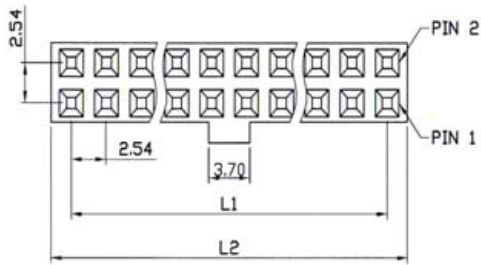
"T" FULL TIN PLATED

4. INSULATOR MATERIAL:

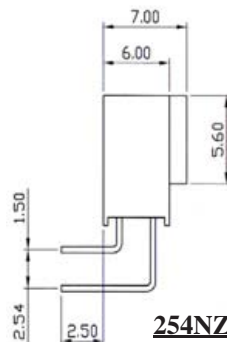
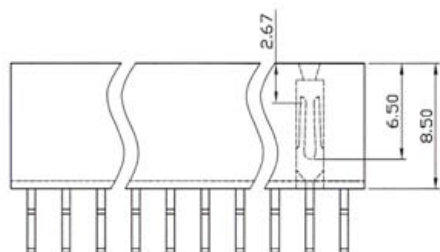
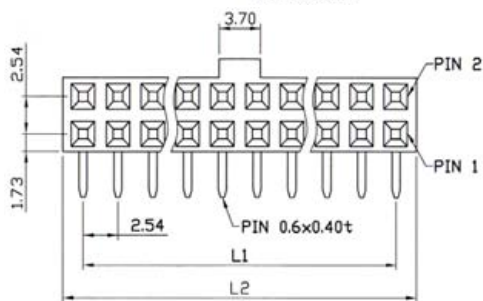
" " PBT

"6T" Nylon 6T

2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=8.50MM



254NY



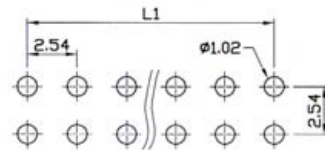
254NZ

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$

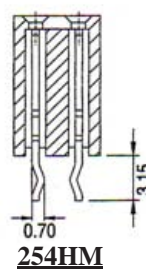
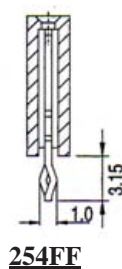
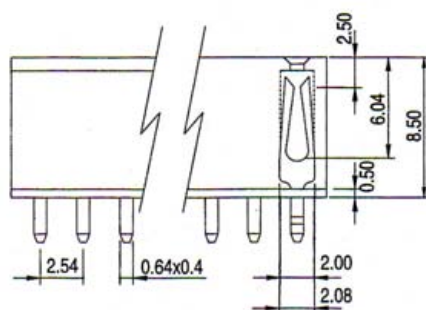
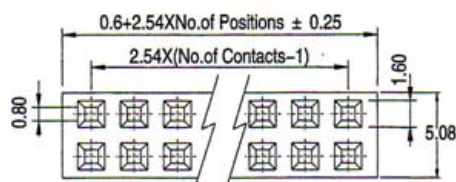
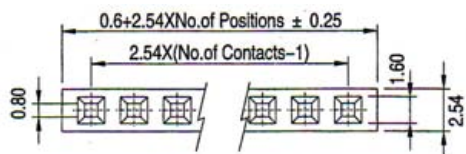
$L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 2 5 4 $\frac{xx}{1}$ - $\frac{xxxx}{2}$ $\frac{x}{3}$ B / $\frac{xx}{4}$

- | | |
|---|---|
| <p>1. TERMINAL TYPE:
 "NY" STRAIGHT TYPE
 "NZ" RIGHT ANGLE TYPE</p> <p>2. NO. OF CONTACTS:
 004 ~ 080</p> <p>3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED</p> | <p>4. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T</p> |
|---|---|

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.50MM

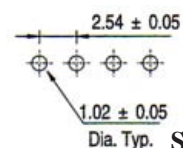


SPECIFICATIONS

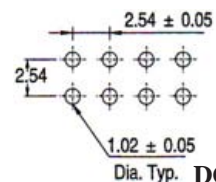
Current Rating: 3.0 Amp
 Dielectric Withstanding: 500V AC
 Insulation Resistance: 5000MΩ Min
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to + 105°C

MATERIALS

Insulation Material: Nylon-6T, UL 94V-0
 Contact Material: Phosphor Bronze
 All materials must be RoHS compliant.



Dia. Typ. **SINGLE ROW**
 Recommended P.C.Board Layout



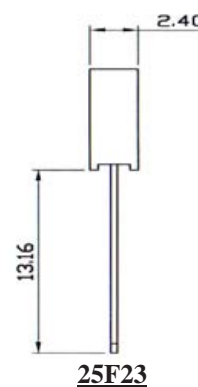
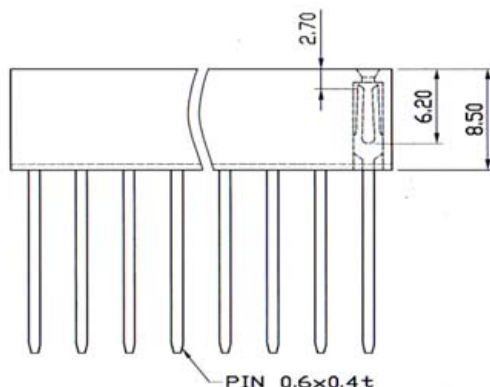
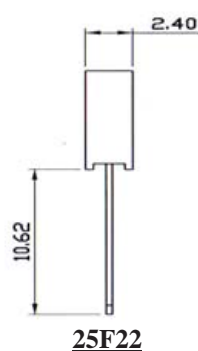
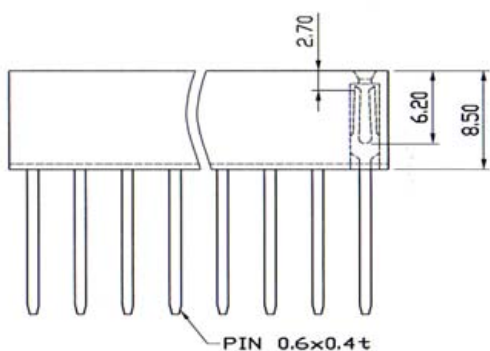
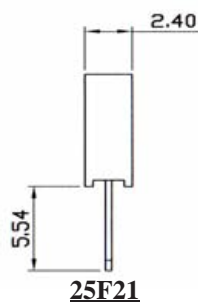
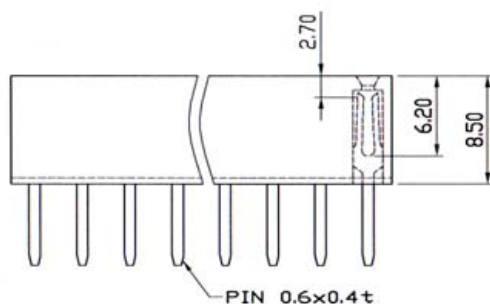
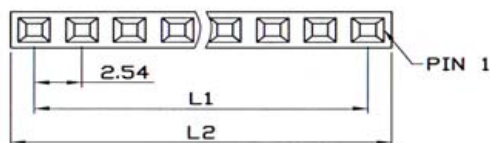
Dia. Typ. **DOUBLE ROW**
 Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 2 5 4 $\frac{x x}{1}$ - $\frac{x x x x}{2}$ $\frac{x}{3}$ B

1. CONNECTOR TYPE:
 "FF" SINGLE ROW
 "HM" DOUBLE ROW
2. NO. OF CONTACTS:
 002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

2.54MM(0.100") FEMALE HEADER SINGLE ROW STRAIGHT TYPE PROFILE=8.50MM

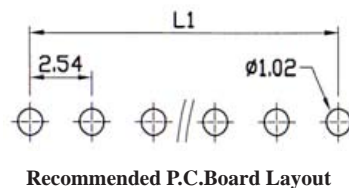


SPECIFICATIONS

Current Rating: 3 Amp
 Insulation Resistance: 1000MΩ Min
 Dielectric Withstanding: 600V AC/DC
 Contact Resistance: 20mΩ Max.
 Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
 Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
 Contact Plating: Full Gold, Full Tin, Selective Plated
 Standard: Gold Flash all Over Nickel
 All materials must be RoHS compliant.



DIMENSIONS:

L1 = 2.54 x (No. of Contacts-1)
 L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 25 F₁ x₂ x₃ - x₂ x₃ x₄ B / x₄

1. PIN LENGTH:

"F21" L= 5.54MM
 "F22" L= 10.62MM
 "F23" L= 13.16MM

2. NO. OF CONTACTS:

002 ~ 040

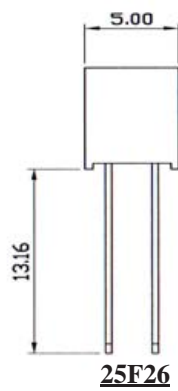
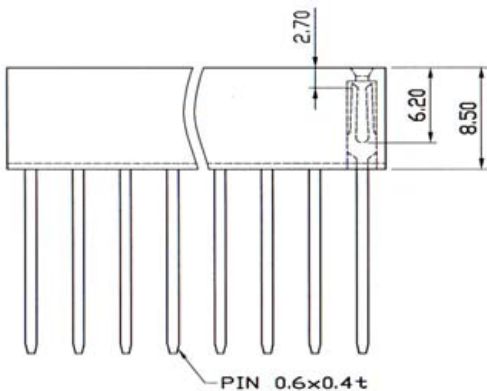
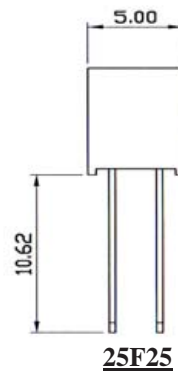
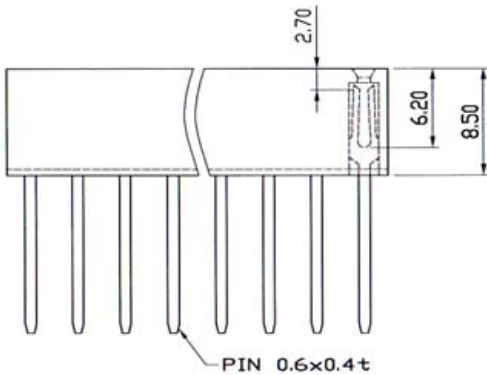
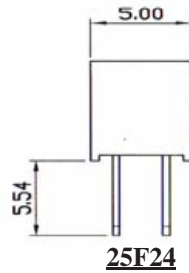
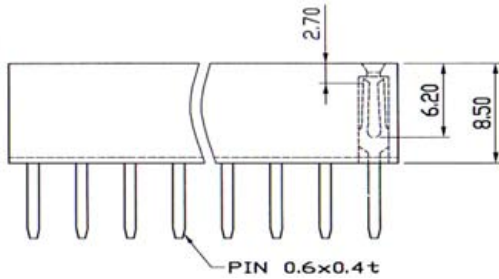
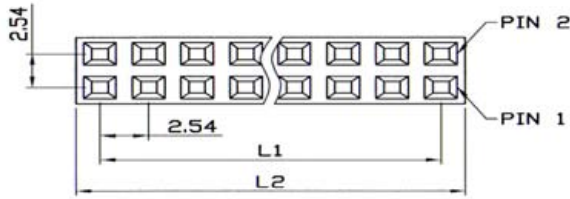
3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=8.50MM

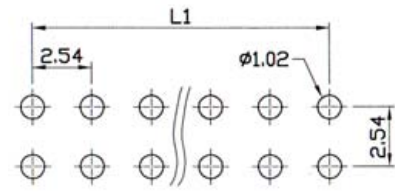


SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

L1 = 2.54 x (No. of Contacts-1)
 L2 = 0.5 + 2.54 x No. of Positions

ORDERING INFORMATION:

P/N 25 $\frac{F_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4}$

1. PIN LENGTH:

"F24" L= 5.54MM
 "F25" L= 10.62MM
 "F26" L= 13.16MM

2. NO. OF CONTACTS:

004 ~ 080

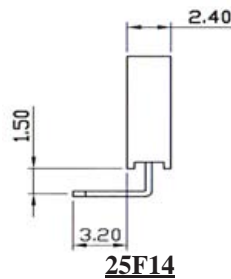
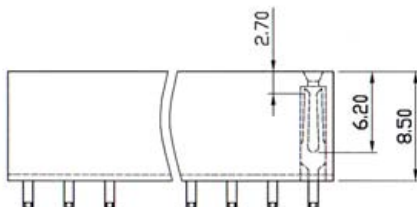
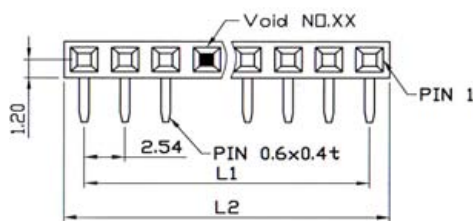
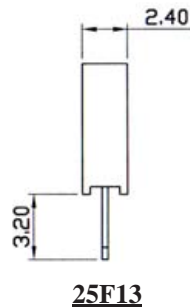
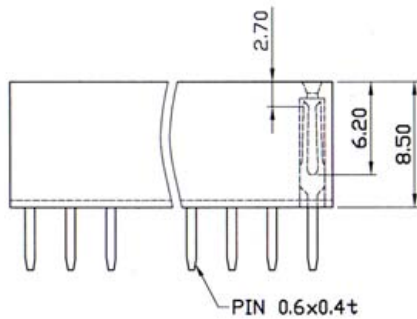
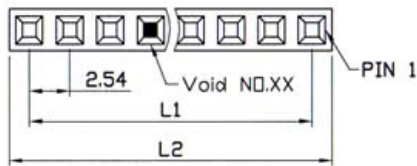
3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH VOID POSITION PROFILE=8.50MM

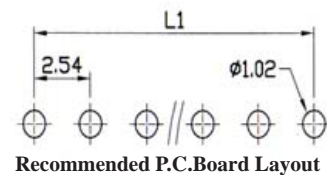


SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts} - 1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 $\frac{F_{xx}}{1} - \frac{xxx}{2} \frac{x}{3} B / \frac{xx}{4} - \frac{xx}{5}$

1. TERMINAL TYPE:

"F13" STRAIGHT TYPE
 "F14" RIGHT ANGLE TYPE

2. NO. OF CONTACTS:

002 ~ 040

3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED

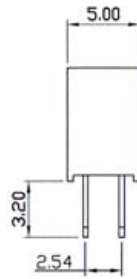
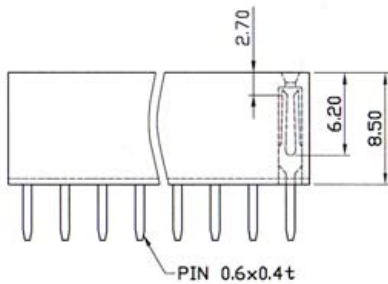
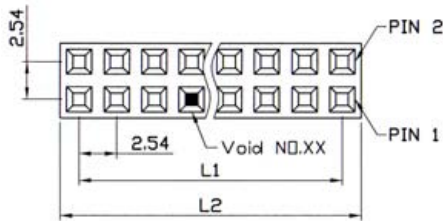
4. VOID PIN POSITION:

02 ~ 40

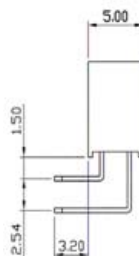
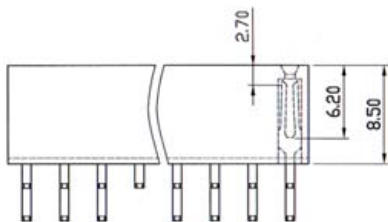
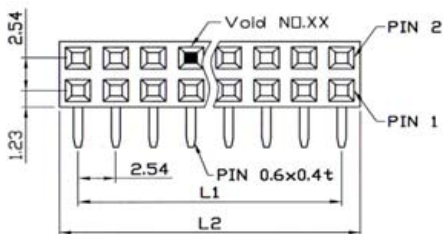
5. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

2.54MM(0.100") FEMALE HEADER WITH VOID POSITION PROFILE=8.50MM



25F15



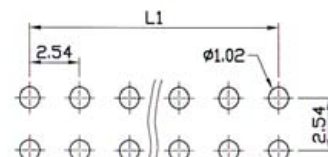
25F16

SPECIFICATIONS

Current Rating: 3 Amp
Insulation Resistance: 1000MΩ Min
Dielectric Withstanding: 600V AC/DC
Contact Resistance: 20mΩ Max.
Operating Temperature: -40°C to +105°C

MATERIALS

Contact Material: Phosphor Bronze
Insulation Material: Polyester, UL 94V-0
 P.B.T or Nylon-6T
Contact Plating: Full Gold, Full Tin, Selective Plated
Standard: Gold Flash all Over Nickel
All materials must be RoHS compliant.



Recommended P.C.Board Layout

DIMENSIONS:

$L1 = 2.54 \times (\text{No. of Contacts}-1)$
 $L2 = 0.5 + 2.54 \times \text{No. of Positions}$

ORDERING INFORMATION:

P/N 25 $\frac{F_{15}}{1} - \frac{xx}{2} \frac{xx}{3} B / \frac{xx}{4} - \frac{xx}{5}$

- | | |
|---|---|
| <p>1. TERMINAL TYPE:
 "F15" STRAIGHT TYPE
 "F16" RIGHT ANGLE TYPE</p> <p>2. NO. OF CONTACTS:
 004 ~ 080</p> <p>3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "S" SELECTIVE GOLD PLATED
 "T" FULL TIN PLATED</p> | <p>4. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T</p> <p>5. VOID PIN POSITION:
 04 ~ 80</p> |
|---|---|

2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=8.60MM

SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

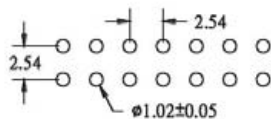
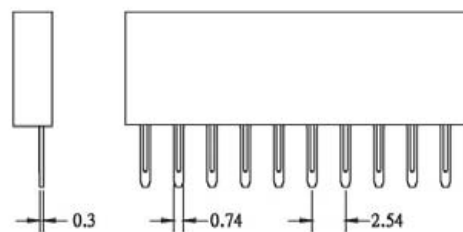
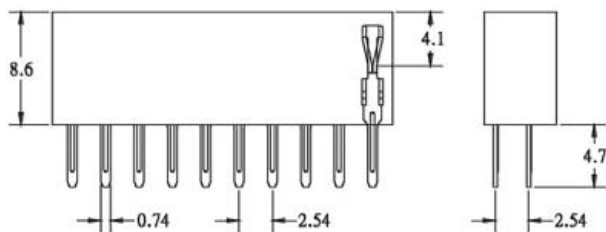
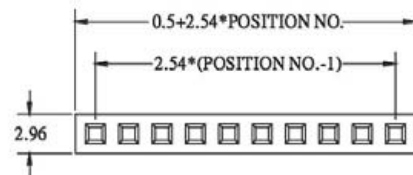
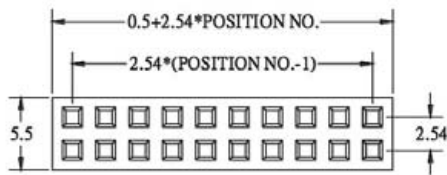
Operating Temperature: -40°C to +105°C

MATERIALS

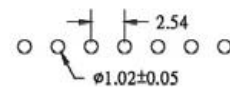
Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 xxx - xxx x B

1 2 3

1. CONTACT TYPE:

"K59" SINGLE ROW

"K60" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 043 FOR SINGLE ROW

004 ~ 086 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

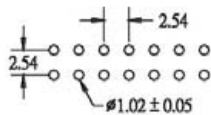
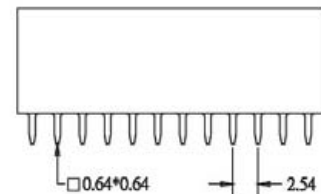
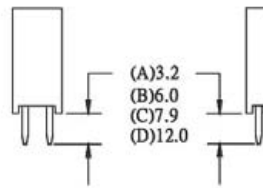
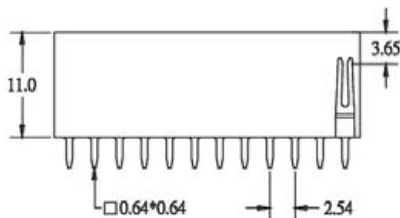
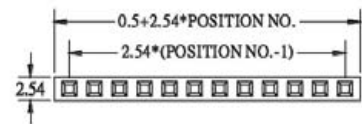
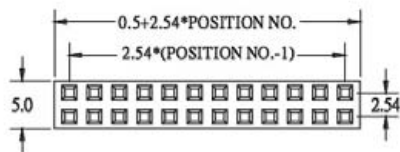
2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=11.00MM

SPECIFICATIONS

Current Rating: 1 Amp
Contact Resistance: 30mΩ Max.
Insulator Resistance: 3000 MΩ Min.
Dielectric Withstand: 500V AC For 1 Min.
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0
Contacts: Brass
All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 254 $\frac{XX}{1}$ - $\frac{XXX}{2}$ $\frac{X}{3}$ B / $\frac{XX}{4}$

1. PIN LENGTH:

SINGLE ROW:

"XK" 3.2MM
 "XL" 6.0MM
 "XM" 7.9MM
 "XN" 12.0MM

DOUBLE ROW:

"NA" 3.2MM
 "NB" 6.0MM
 "NC" 7.9MM
 "ND" 12.0MM

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW
 004 ~ 080 FOR DOUBLE ROW

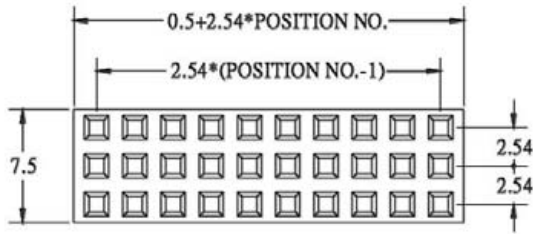
3. CONTACT FINISH:

"G" FULL GOLD PLATED
 "T" FULL TIN PLATED

4. INSULATOR MATERIAL:

" " PBT
 "6T" NYLON 6T

**2.54MM(0.100") FEMALE HEADER TRIPLE ROW STRAIGHT TYPE
PROFILE=11.00MM**

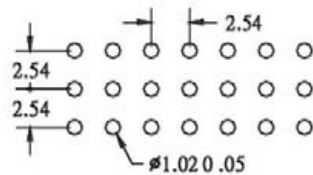
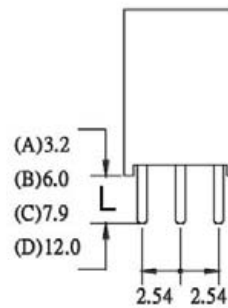
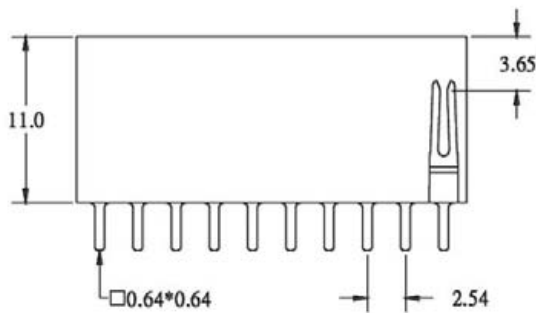


SPECIFICATIONS

Current Rating: 1 Amp
 Contact Resistance: 30mΩ Max.
 Insulator Resistance: 3000 MΩ Min.
 Dielectric Withstand: 500V AC For 1 Min.
 Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0
 Contacts: Brass
 All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E₁ X₂ X₃ - X₂ X₃ X₃ B / X₄

- | | |
|---|---|
| <p>1. PIN LENGTH:
 "E71" L=3.2MM
 "E72" L=6.0MM
 "E73" L=7.9MM
 "E74" L=12.0MM</p> <p>2. NO. OF CONTACTS:
 009 ~ 120</p> <p>3. CONTACT FINISH:
 "G" FULL GOLD PLATED
 "T" FULL TIN PLATED</p> | <p>4. INSULATOR MATERIAL:
 " " PBT
 "6T" NYLON 6T</p> |
|---|---|

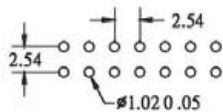
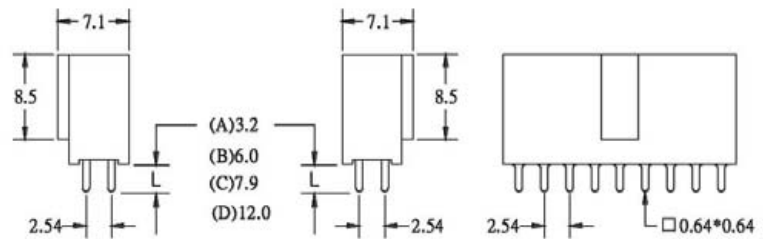
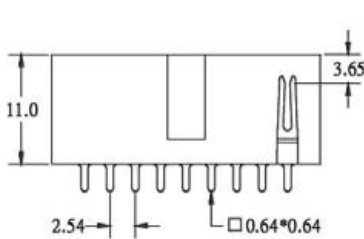
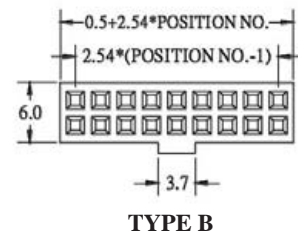
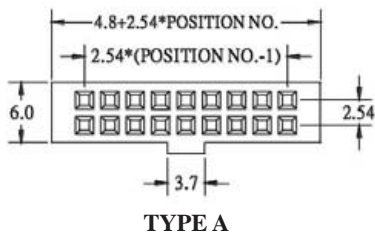
2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=11.00MM

SPECIFICATIONS

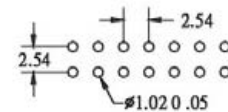
- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

MATERIALS

- Insulator: PBT, Glass Reinforced, UL94V-0
- Contacts: Brass
- All materials must be RoHS compliant.



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N **25** **E** **x** **x** - **x** **x** **x** **x** **B**

1 2 3

1. INSUALATOR TYPE & PIN LENGTH:

- "E55" TYPE A, L=3.2MM
- "E56" TYPE A, L=6.0MM
- "E57" TYPE A, L=7.9MM
- "E58" TYPE A, L=12.0MM
- "E59" TYPE B, L=3.2MM
- "E60" TYPE B, L=6.0MM
- "E61" TYPE B, L=7.9MM
- "E62" TYPE B, L=12.0MM

2. NO. OF CONTACTS:

- 006, 008, 010, 012, 014, 016, 020, 024,
- 026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

- "G" FULL GOLD PLATED
- "T" FULL TIN PLATED

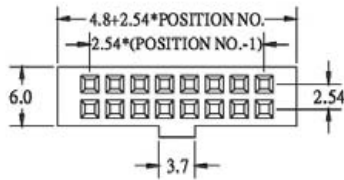
2.54MM(0.100") ELEVATED FEMALE HEADER WITH POLARIZATION BUMP PROFILE=11.00MM

SPECIFICATIONS

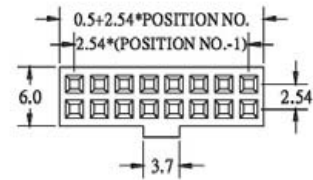
- Current Rating: 1 Amp
- Contact Resistance: 30mΩ Max.
- Insulator Resistance: 3000 MΩ Min.
- Dielectric Withstand: 500V AC For 1 Min.
- Operating Temperature: -40°C to +105°C

MATERIALS

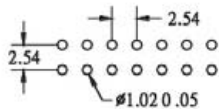
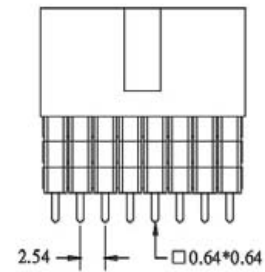
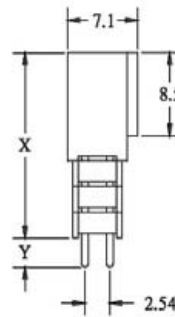
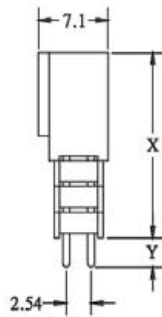
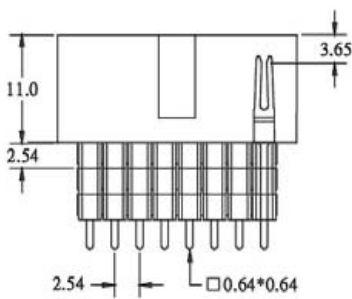
- Insulator: PBT, Glass Reinforced, UL94V-0
- Contacts: Brass
- All materials must be RoHS compliant.



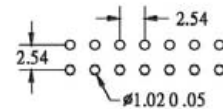
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E X X - X X X X B
1 2 3

1. INSULATOR TYPE & LEAD STYLE:

- "E63" TYPE A, X/Y=13.54/3.5MM
- "E64" TYPE A, X/Y=16.08/2.8MM
- "E65" TYPE A, X/Y=16.08/6.9MM
- "E66" TYPE A, X/Y=18.62/4.4MM
- "E67" TYPE B, X/Y=13.54/3.5MM
- "E68" TYPE B, X/Y=16.08/2.8MM
- "E69" TYPE B, X/Y=16.08/6.9MM
- "E70" TYPE B, X/Y=18.62/4.4MM

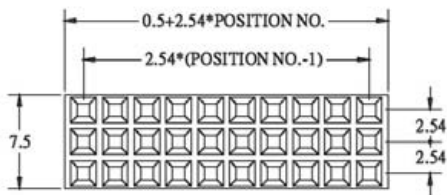
2. NO. OF CONTACTS:

- 006, 008, 010, 012, 014, 016, 020, 024, 026, 030, 034, 040, 044, 050, 060, 064

3. CONTACT FINISH:

- "G" FULL GOLD PLATED
- "T" FULL TIN PLATED

2.54MM(0.100") ELEVATED FEMALE HEADER PROFILE=11.00MM



SPECIFICATIONS

Current Rating: 1 Amp

Contact Resistance: 30mΩ Max.

Insulator Resistance: 3000 MΩ Min.

Dielectric Withstand: 500V AC For 1 Min.

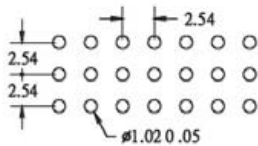
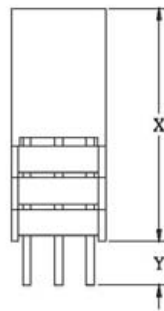
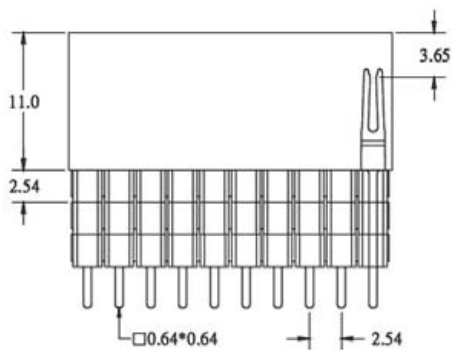
Operating Temperature: -40°C to +105°C

MATERIALS

Insulator: PBT, Glass Reinforced, UL94V-0

Contacts: Brass

All materials must be RoHS compliant.



Recommended P.C.Board Layout

ORDERING INFORMATION:

P/N 25 E X X - X X X X B
 1 2 3

1. LEAD STYLE:

"E75" X/Y=13.54/3.5MM

"E76" X/Y=16.08/2.8MM

"E77" X/Y=16.08/6.9MM

"E78" X/Y=18.62/4.4MM

2. NO. OF CONTACTS:

009 ~ 120

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"T" FULL TIN PLATED