

## 2.54MM (0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=3.50MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

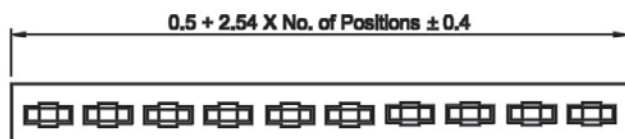
### MATERIALS

**Contact Material:** Phosphor Bronze

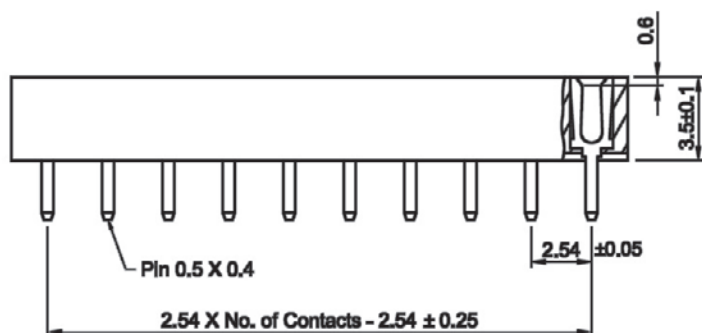
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

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

1. CONTACT TYPE:  
"LP" 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 STRAIGHT TYPE PROFILE=3.50MM

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

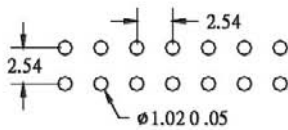
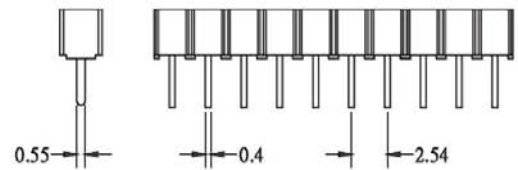
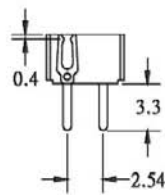
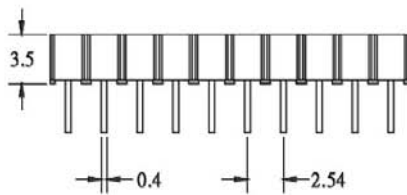
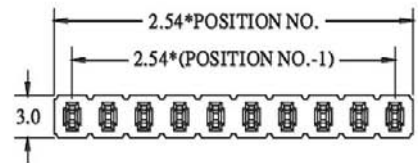
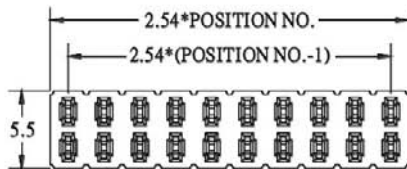
**Operating Temperature:** -40°C to +105°C

### MATERIALS

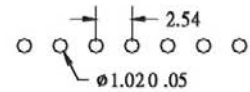
**Insulator:** PBT, Glass Reinforced, UL94V-0

**Contacts:** Brass

**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

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

1. NO. OF ROWS:

"AL" SINGLE ROW

"AM" DOUBLE ROW

2. NO. OF CONTACTS:

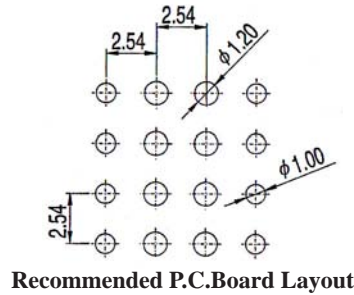
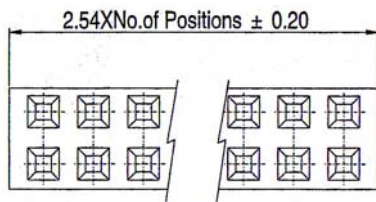
002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED

## 2.54MM(0.100") FEMALE HEADER DOUBLE ROW STRAIGHT TYPE PROFILE=3.50MM

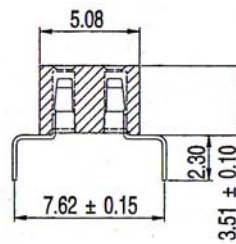
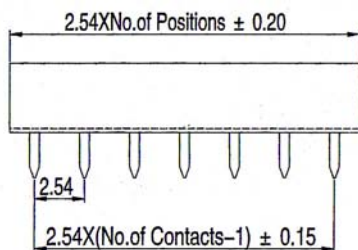


### SPECIFICATIONS

**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.

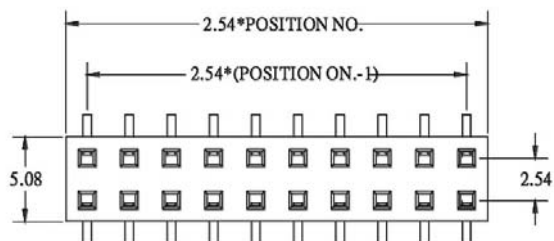


### ORDERING INFORMATION:

P/N 2 5 B09 - x x x x B

1. TERMINAL TYPE:  
"B09" PITCH= 7.62MM
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"G" FULL GOLD PLATED  
"S" SELECTIVE GOLD PLATED  
"T" FULL TIN PLATED

## 2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=3.51MM

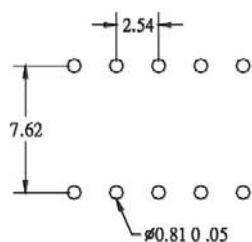
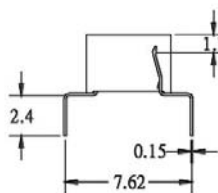
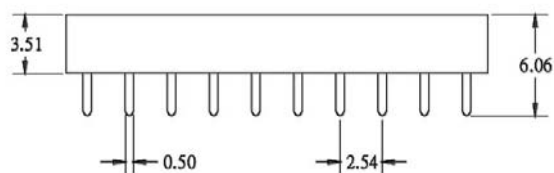


### SPECIFICATIONS

**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 **25K01** - x<sub>1</sub> x<sub>2</sub> x<sub>3</sub> x<sub>3</sub> B

1. CONTACT TYPE:  
"K01" DUAL ENTRY DIP TYPE
2. NO. OF CONTACTS:  
004 ~ 080
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

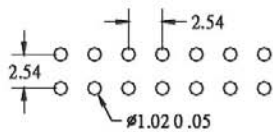
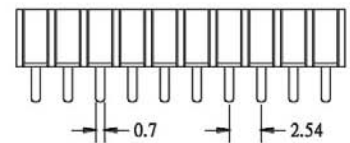
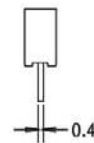
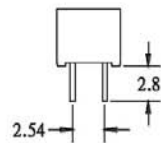
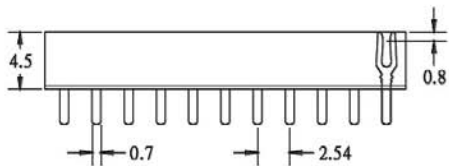
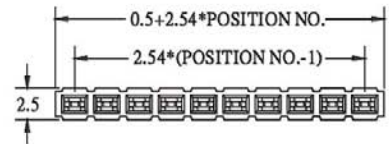
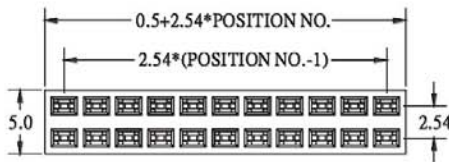
**2.54MM(0.100") FEMALE HEADER BOTTOM CLOSE STRAIGHT DIP TYPE  
PROFILE=4.50MM**

**SPECIFICATIONS**

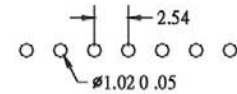
**Current Rating:** 1 Amp  
**Contact Resistance:** 30mΩ Max.  
**Insulator Resistance:** 3000 MΩ Min.  
**Dielectric Withstand:** 500V AC For 1 Min.  
**Operating Temperature:** -40°C to +105°C

**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 2 5 4 xx - xxx x B**  
 1            2            3

1. CONTACT TYPE:  
 "AE" SINGLE ROW  
 "AS" DOUBLE ROW
2. NO. OF CONTACTS:  
 002 ~ 036 FOR SINGLE ROW  
 004 ~ 060 FOR DOUBLE ROW
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED

## 2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS SINGLE ROW STRAIGHT DIP TYPE PROFILE=5.00MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

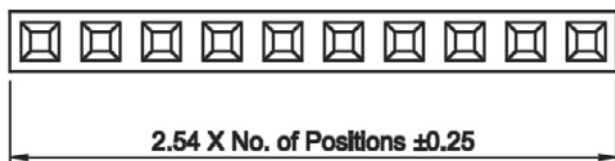
### MATERIALS

**Contact Material:** Phosphor Bronze

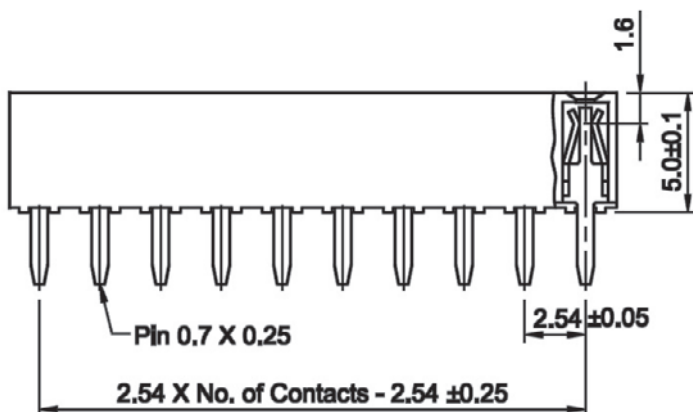
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

**P/N 2 5 4 FP - x x x B / 6 T**  
1 2 3 4

1. CONTACT TYPE OPTION:  
"FP" 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:  
"6T" NYLON 6T

## 2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS DOUBLE ROW STRAIGHT DIP TYPE PROFILE=5.00MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

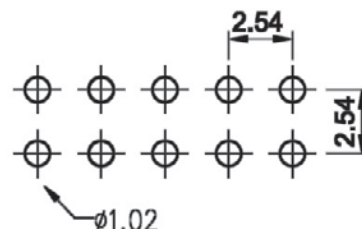
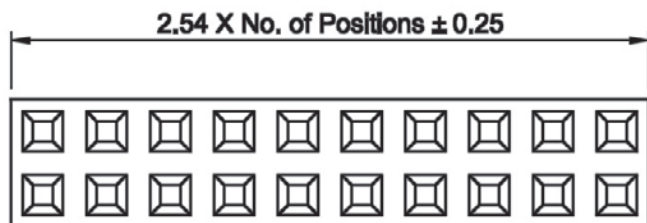
### MATERIALS

**Contact Material:** Phosphor Bronze

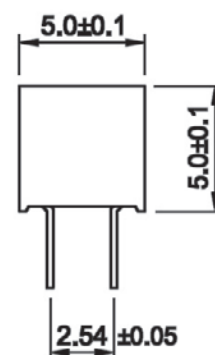
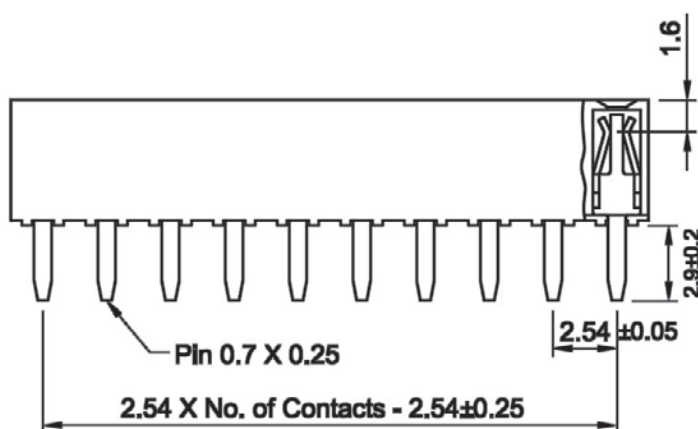
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

P/N 2 5 4 FQ - x x x x B / 6 T

1. CONTACT TYPE OPTION:  
"FQ" 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:  
"6T" NYLON 6T

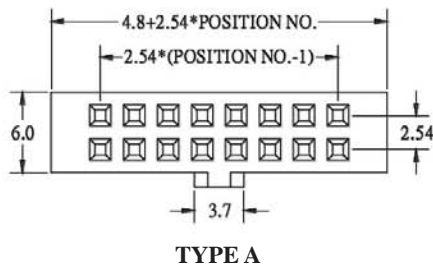
## 2.54MM(0.100") FEMALE HEADER WITH POLARIZATION BUMP PROFILE=5.00MM

### SPECIFICATIONS

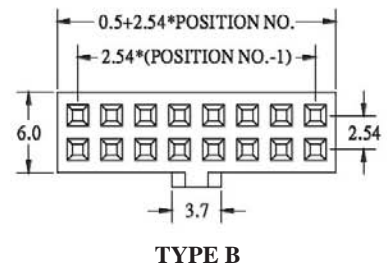
Current Rating: 1 Amp  
 Contact Resistance: 30mΩ Max.  
 Insulator Resistance: 3000 MΩ Min.  
 Dielectric Withstand: 500V AC For 1 Min.  
 Operating Temperature: -40°C to +105°C

### MATERIALS

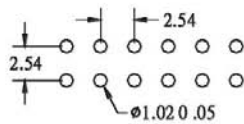
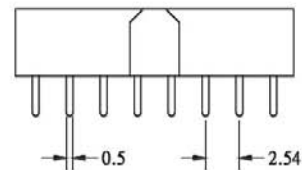
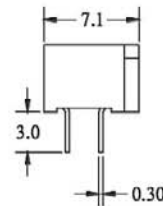
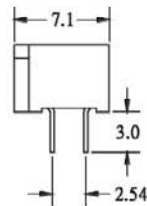
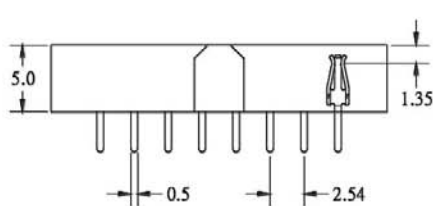
Insulator: PBT, Glass Reinforced, UL94V-0  
 Contacts: Phosphor Bronze  
 All materials must be RoHS compliant.



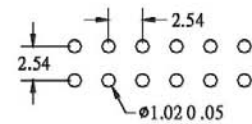
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### ORDERING INFORMATION:

P/N 25 E xx - xx xx B / xx

1                    2                    3                    4

1. INSULATOR TYPE:

"E79" TYPE A  
 "E80" TYPE B

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

4. INSULATOR MATERIAL:

" " PBT  
 "6T" NYLON 6T



## 2.54MM (0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY ONE SIDE TYPE PROFILE=5.00MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

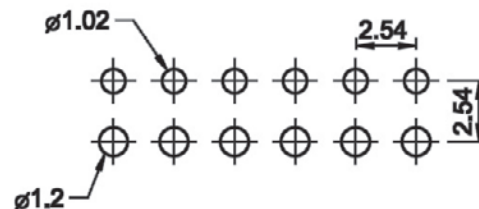
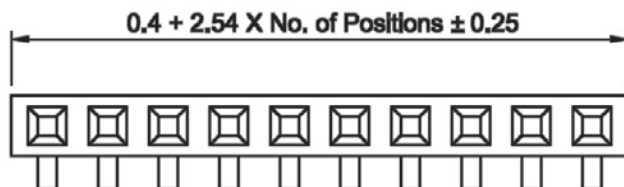
### MATERIALS

**Contact Material:** Phosphor Bronze

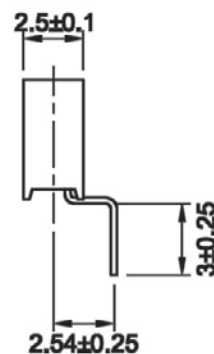
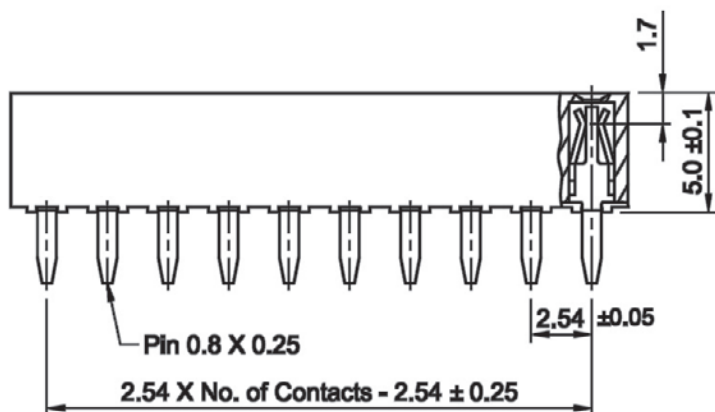
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

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

1. CONTACT TYPE:

"FL" ONE SIDE TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

## 2.54MM (0.100") FEMALE HEADER SINGLE ROW DUAL ENTRY TYPE PROFILE=5.00MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

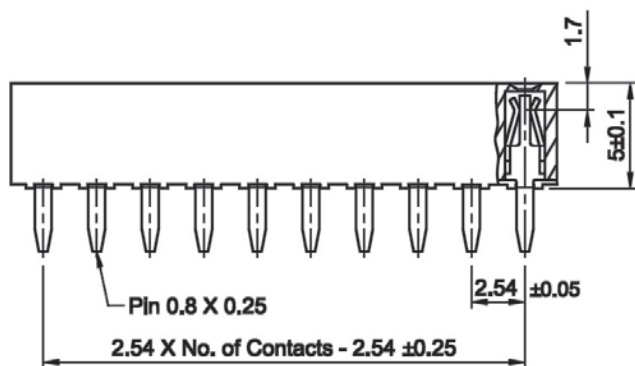
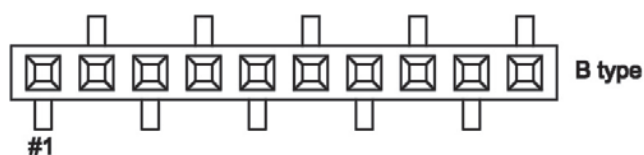
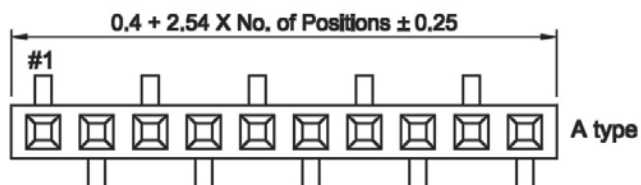
### MATERIALS

**Contact Material:** Phosphor Bronze

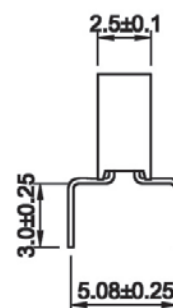
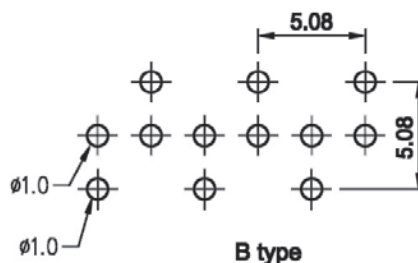
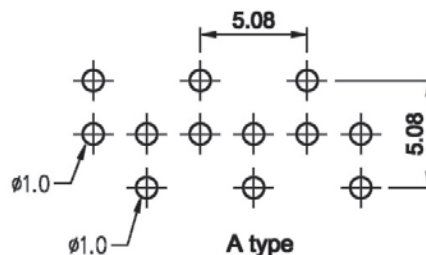
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



### Recommended P.C.Board Layout



### ORDERING INFORMATION:

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

1. CONTACT TYPE:

"FM" DOUBLE SIDE A TYPE

"FN" DOUBLE SIDE B TYPE

2. NO. OF CONTACTS:

002~040

3. CONTACT FINISH:

"G" FULL GOLD PLATED

"S" SELECTIVE GOLD PLATED

"T" FULL TIN PLATED

4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

## 2.54MM(0.100") FEMALE HEADER DOUBLE ROW DUAL ENTRY TYPE PROFILE=5.00MM

### SPECIFICATIONS

Rating Current: 3 Amperes

Insulation Resistance: 1000MΩ Min.

Dielectric Withstanding: 600V AC

Contact Resistance: 20mΩ Max.

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

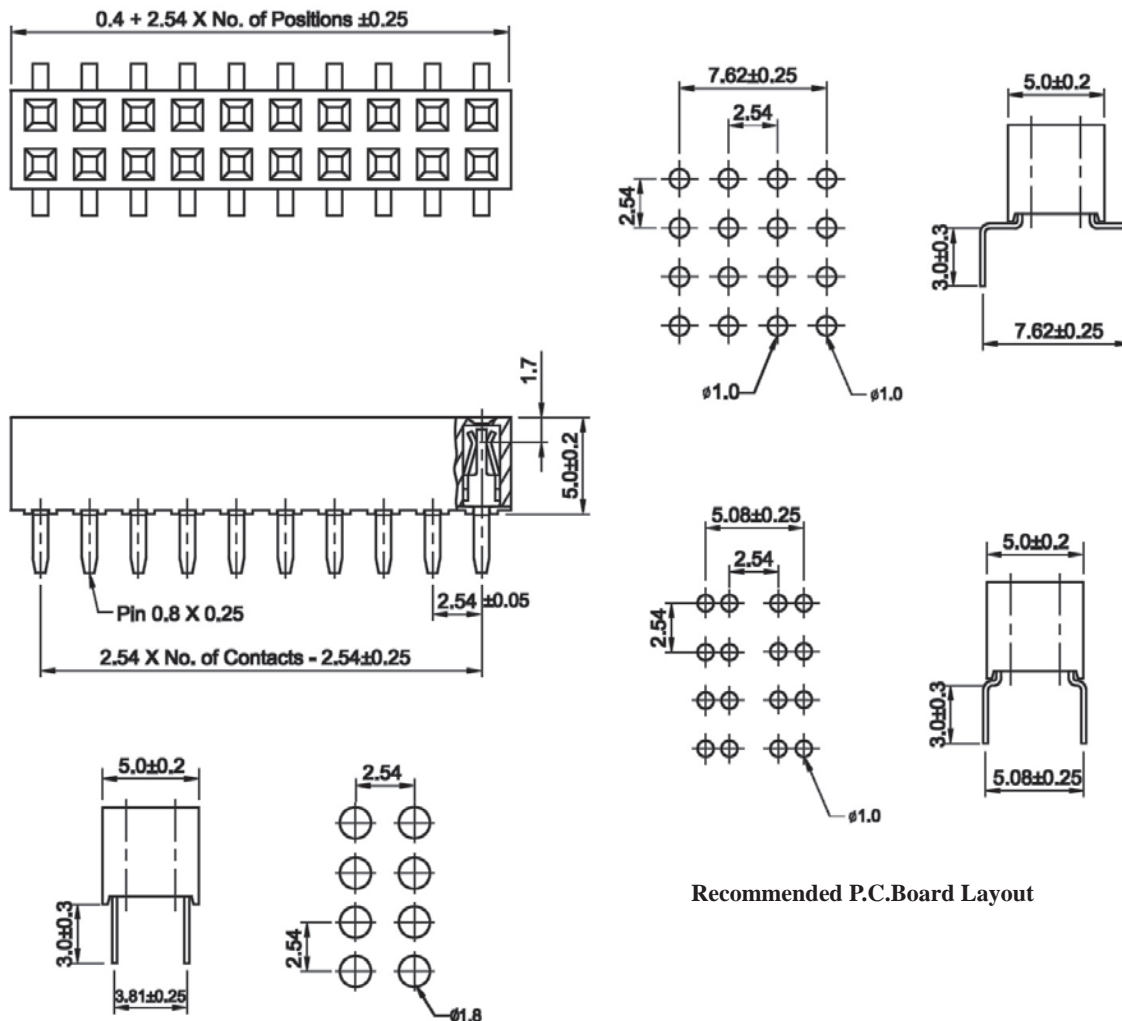
### MATERIALS

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  $\frac{x}{1} x$  -  $\frac{x}{2} x x$   $\frac{x}{3} B$  -  $\frac{x}{4}$

#### 1. PITCH OF DUAL ROW CONTACTS:

"TA" ROW PITCH = 3.81MM

"TB" ROW PITCH = 5.08MM

"TC" ROW PITCH = 7.62MM

#### 2. NO. OF CONTACTS:

004~080

#### 3. CONTACT FINISH:

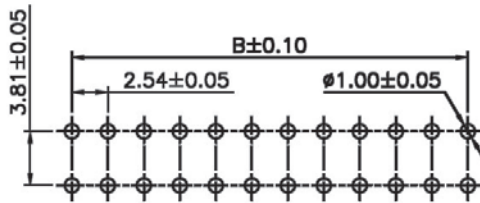
"G" FULL GOLD PLATED

"T" FULL TIN PLATED

#### 4. PACKAGE OPTION:

"T" W/O PAD IN TUBE

**2.54MM(0.100") FEMALE HEADER DOUBLE ROW  
DUAL ENTRY DIP TYPE PROFILE=5.00MM**



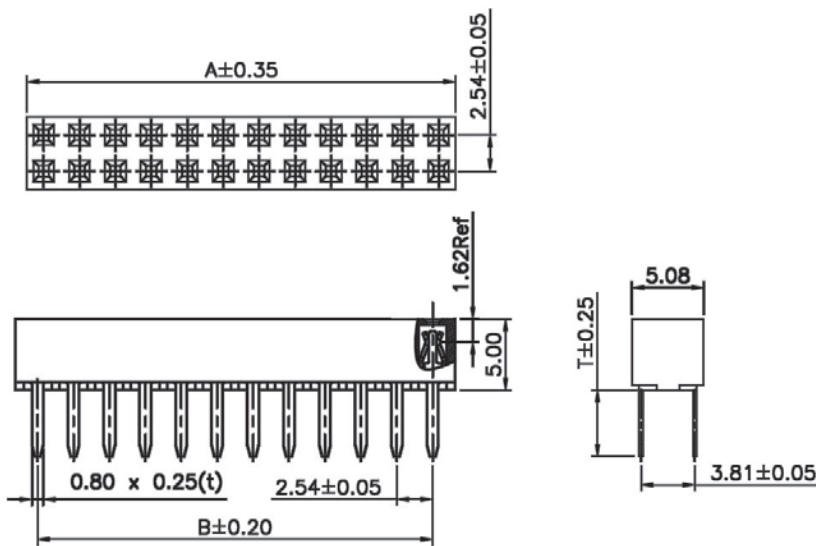
Recommended P.C.Board Layout

**SPECIFICATIONS**

Current Rating: 3.0 A  
Voltage Rating: 250V AC/DC  
Contact Resistance: 20mΩ Max.  
Insulator Resistance: 5000MΩ Min.  
Withstanding Voltage: 500V AC/Min.  
Operating Temperature: -40°C to +105°C

**MATERIALS**

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



$A = B + 2.54$

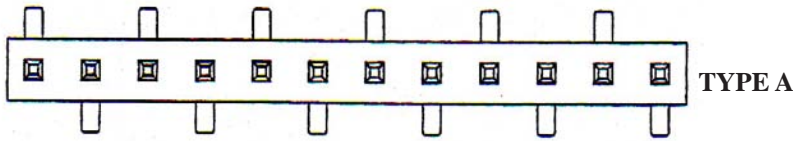
$B = 2.54 \times (\text{NO. OF CONTACTS / ROW} - 1)$

**ORDERING INFORMATION:**

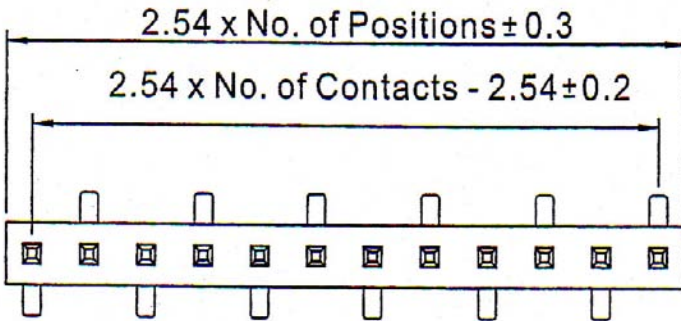
**P/N 25  $\frac{1}{x x x}$  -  $\frac{2}{x x x}$   $\frac{3}{x}$  B -  $\frac{4}{x}$**

1. PIN LENGTH:  
"K77" T=3.4MM  
"K78" T=4.7MM
2. NO. OF CONTACTS:  
004 ~ 080
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

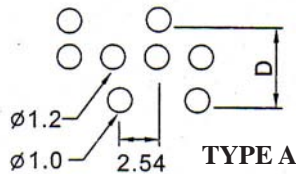
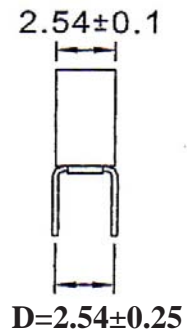
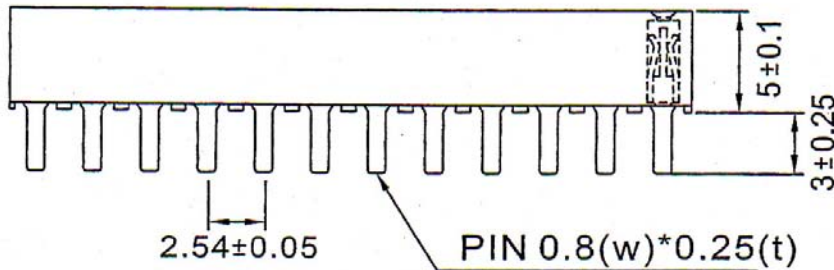
## 2.54MM(0.100") FEMALE HEADER BOTTOM ENTRY TYPE PROFILE=5.00MM



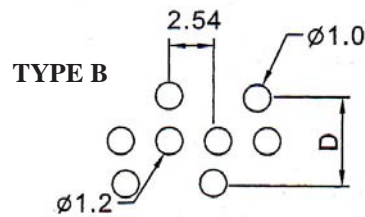
TYPE A



TYPE B



Recommended P.C.Board Layout



Recommended P.C.Board Layout

### 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  
 Nylon-6T  
 Contact Plating: Full Gold, Full Tin, Selective Plated  
 Standard: Gold Flash all Over Nickel  
 All materials must be RoHS compliant.

### ORDERING INFORMATION:

P/N 25  $\frac{Fxx}{1}$  -  $\frac{xxx}{2}$   $\frac{B}{3}$

1. PCB LAYOUT TYPE:  
 "F35" TYPE A  
 "F36" TYPE B
2. NO. OF CONTACTS:  
 002 ~ 040
3. CONTACT FINISH:  
 "G" FULL GOLD PLATED  
 "S" SELECTIVE GOLD PLATED  
 "T" FULL TIN PLATED

## 2.54MM(0.100") FEMALE HEADER STRAIGHT DIP TYPE PROFILE=5.20MM

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

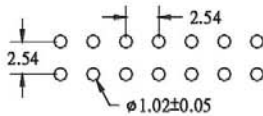
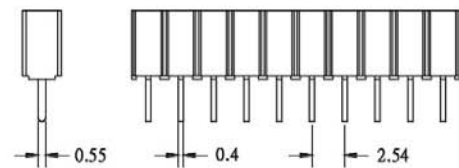
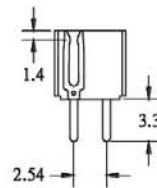
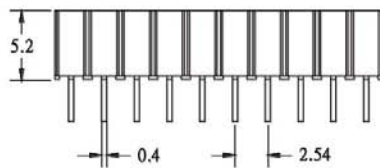
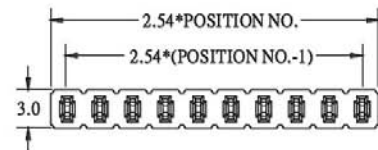
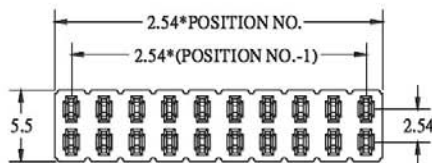
**Operating Temperature:** -40°C to +105°C

### MATERIALS

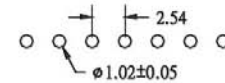
**Insulator:** PBT, Glass Reinforced, UL94V-0

**Contacts:** Brass

**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



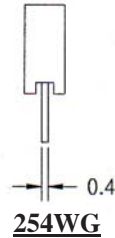
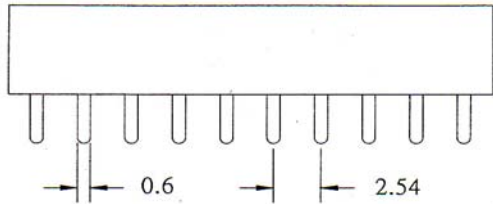
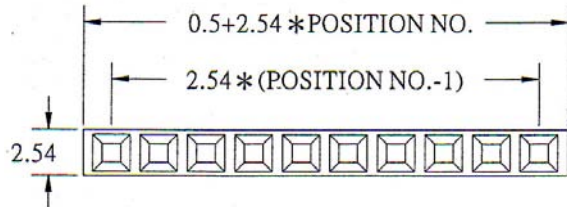
Recommended P.C.Board Layout

### ORDERING INFORMATION:

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

1. CONTACT TYPE:  
"AN" SINGLE ROW  
"AP" DOUBLE ROW
2. NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:  
"G" FULL GOLD PLATED

## 2.54MM(0.100") FEMALE HEADER STRAIGHT TYPE PROFILE=5.50MM

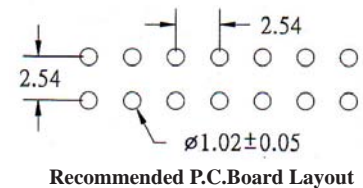
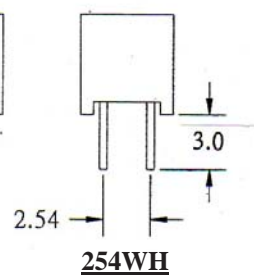
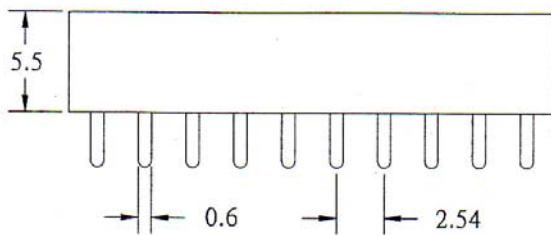
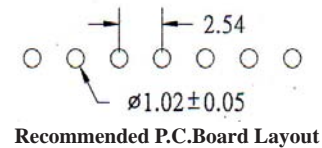
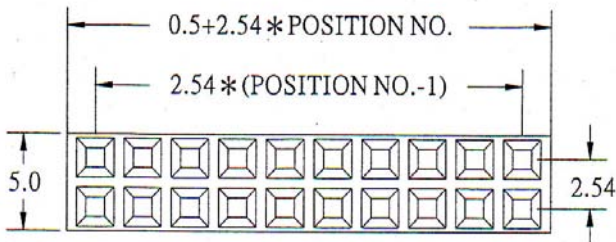


### SPECIFICATIONS

**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.**



### ORDERING INFORMATION:

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

1. NO. OF ROWS:  
 "WG" SINGLE ROW  
 "WH" 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 STRAIGHT DIP TYPE PROFILE=5.50MM

### SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

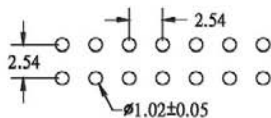
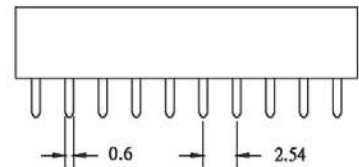
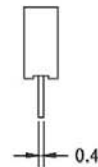
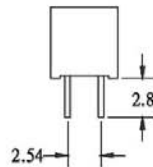
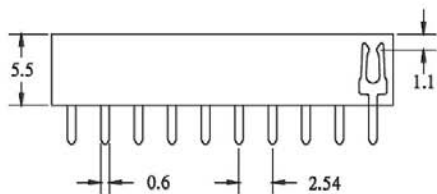
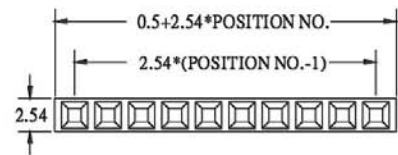
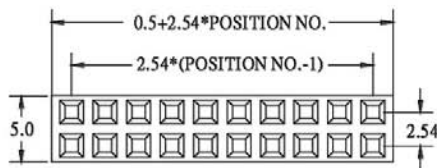
**Operating Temperature:** -40°C to +105°C

### MATERIALS

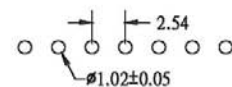
**Insulator:** PBT, Glass Reinforced, UL94V-0

**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:

"K05" SINGLE ROW

"K06" DOUBLE ROW

2. NO. OF CONTACTS:

002 ~ 040 FOR SINGLE ROW

004 ~ 080 FOR DOUBLE ROW

3. CONTACT FINISH:

"G" FULL GOLD PLATED



## 2.54MM (0.100") FEMALE HEADER SINGLE ROW STRAIGHT DIP TYPE PROFILE=5.70MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

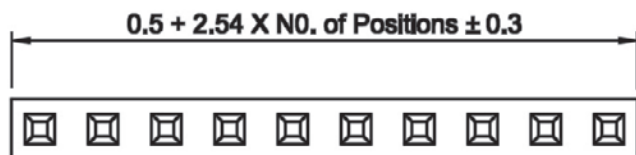
### MATERIALS

**Contact Material:** Phosphor Bronze

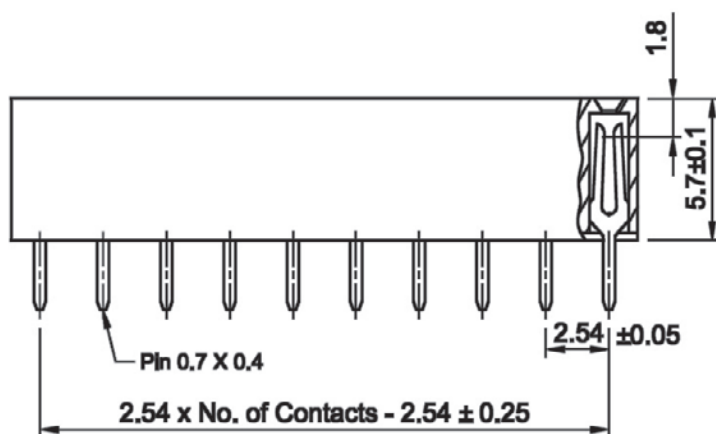
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

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

1                    2                    3                    4

1. LOCATING PEG OPTION:  
"FG" SINGLE 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=5.70MM

### SPECIFICATIONS

**Rating Current:** 3 Amperes

**Insulation Resistance:** 1000MΩ Min.

**Dielectric Withstanding:** 600V AC

**Contact Resistance:** 20mΩ Max.

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

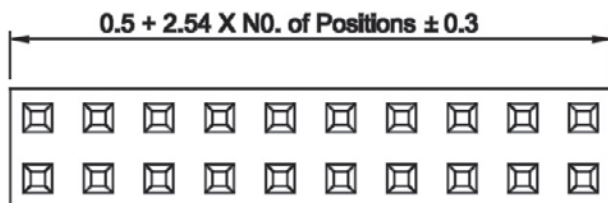
### MATERIALS

**Contact Material:** Phosphor Bronze

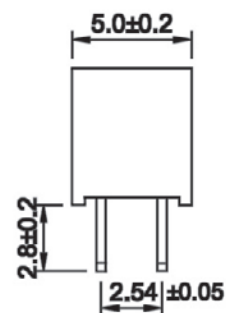
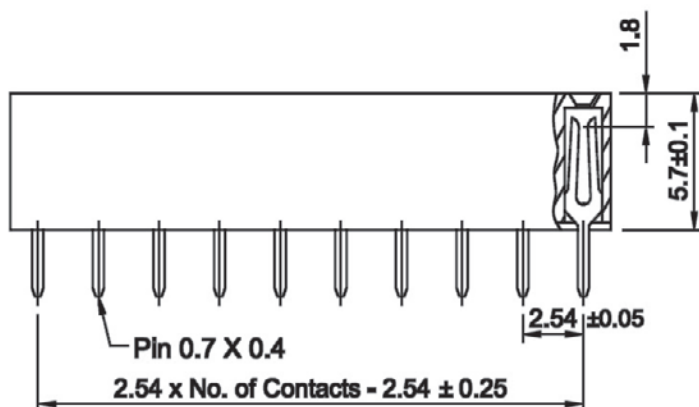
**Contact Plating:** Gold / Tin over Nickel

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

\* RoHS & REACH compliant.



Recommended P.C.Board Layout



### ORDERING INFORMATION:

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

1                    2                    3                    4

1. CONTACT TYPE:  
"FH" 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 WITH DUAL BEAM FOLDED CONTACTS PROFILE=6.60MM

## SPECIFICATIONS

**Current Rating:** 1 Amp

**Contact Resistance:** 30mΩ Max.

**Insulator Resistance:** 3000 MΩ Min.

**Dielectric Withstand:** 500V AC For 1 Min.

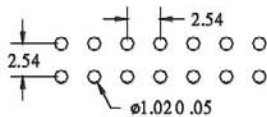
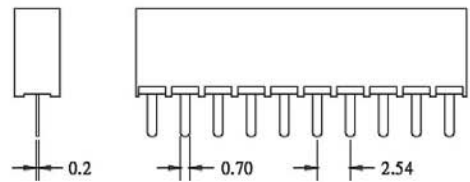
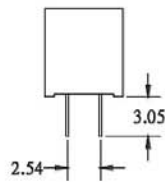
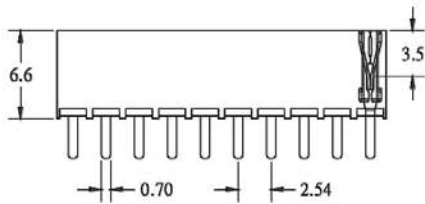
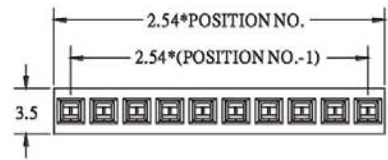
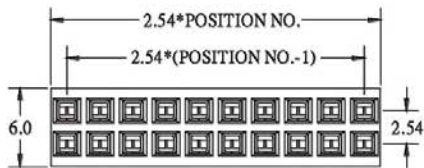
**Operating Temperature:** -40°C to +105°C

## MATERIALS

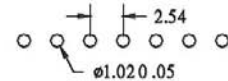
**Insulator:** PBT, Glass Reinforced, UL94V-0

**Contacts:** Phosphor Bronze

**All materials must be RoHS compliant.**



Recommended P.C.Board Layout



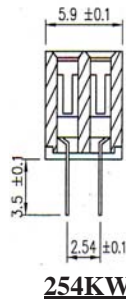
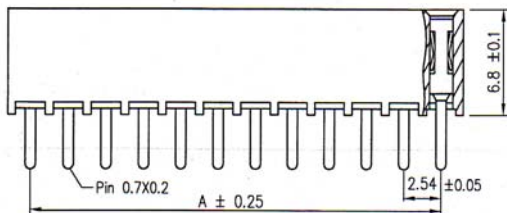
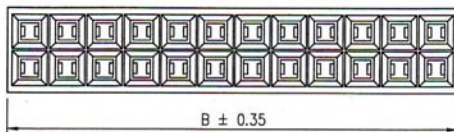
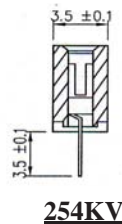
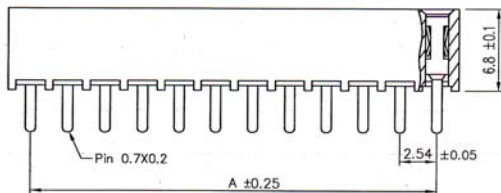
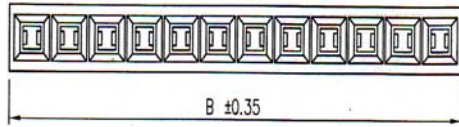
Recommended P.C.Board Layout

## ORDERING INFORMATION:

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

1. CONTACT TYPE:  
"K09" SINGLE ROW  
"K10" DOUBLE ROW
2. NO. OF CONTACTS:  
002 ~ 040 FOR SINGLE ROW  
004 ~ 080 FOR DOUBLE ROW
3. CONTACT FINISH:  
"S" SELECTIVE GOLD PLATED

## 2.54MM(0.100") FEMALE HEADER DUAL BEAM FOLDED CONTACTS PROFILE=6.80MM

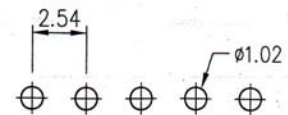


### SPECIFICATIONS

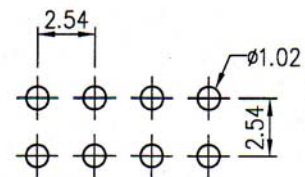
**Current Rating:** 3 Amp  
**Insulation Resistance:** 1000MΩ Min  
**Dielectric Withstanding:** 600V AC/DC  
**Contact Resistance:** 20mΩ Max.  
**Operating Temperature:** -40°C to +105°C

### 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.**



**SINGLE ROW**



**DOUBLE ROW**

Recommended P.C.Board Layout

### DIMENSIONS:

A = 2.54 x (No. of Contacts-1)

B = 0.5 + 2.54 x No. of Positions / Row

### ORDERING INFORMATION:

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

1. CONNECTOR TYPE:  
 "KV" SINGLE ROW  
 "KW" 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