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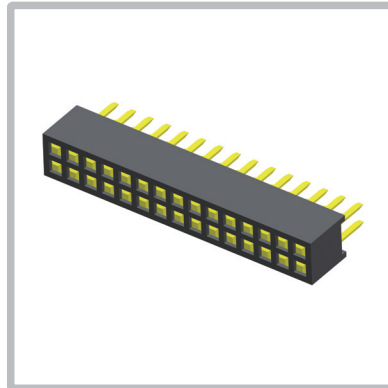
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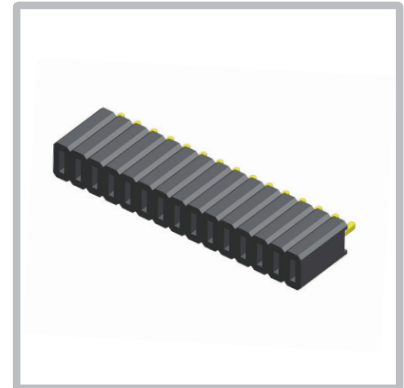
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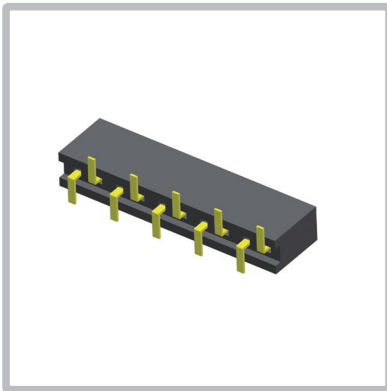
## 1.27 mm Pitch Series



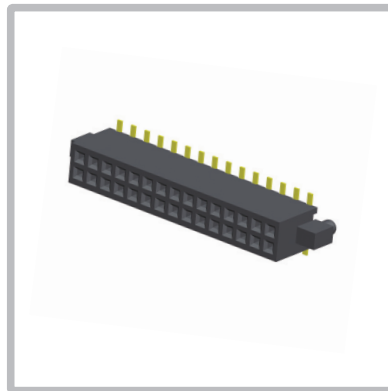
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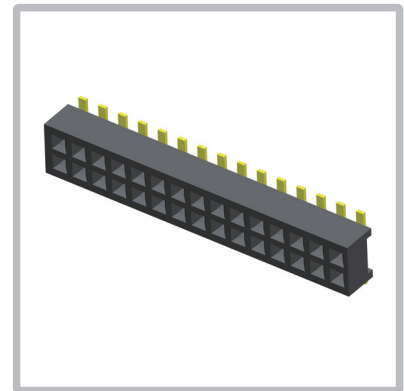
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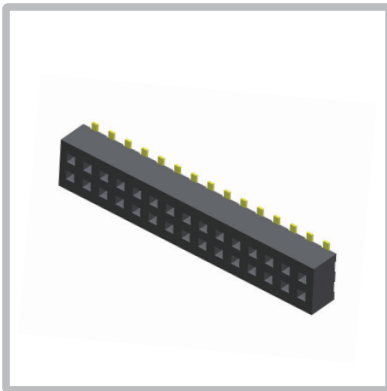
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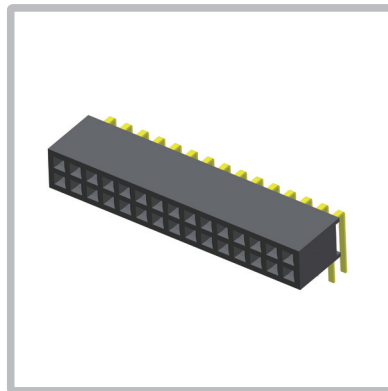
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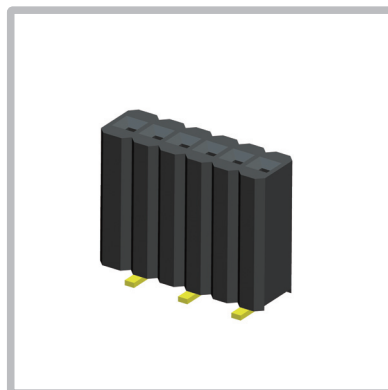
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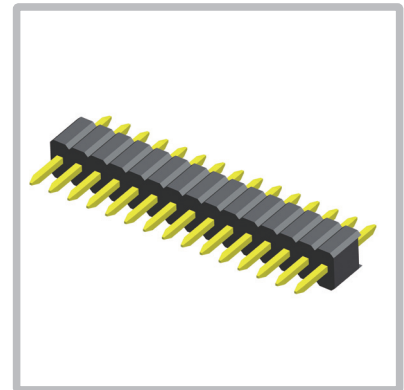
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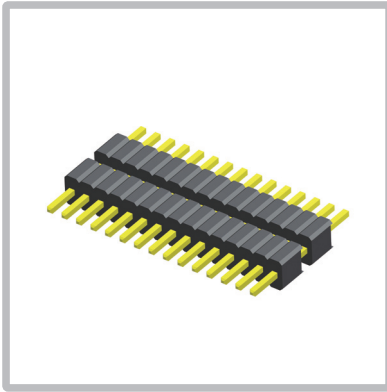
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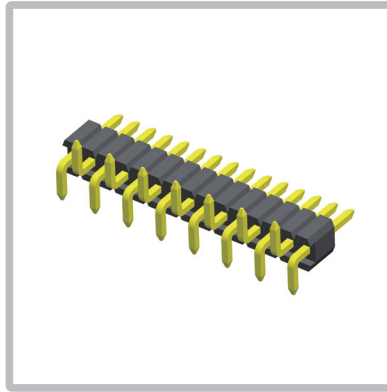
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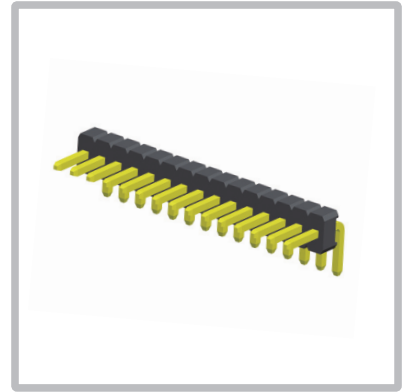
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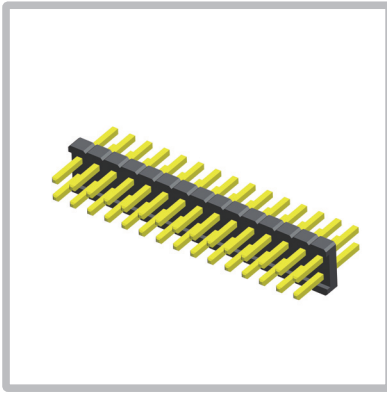
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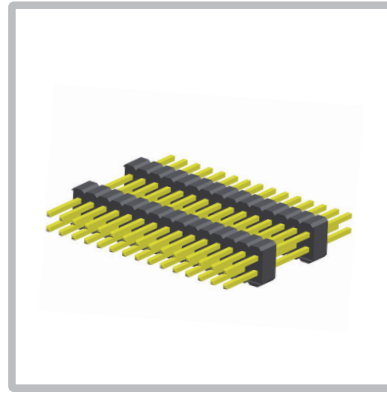
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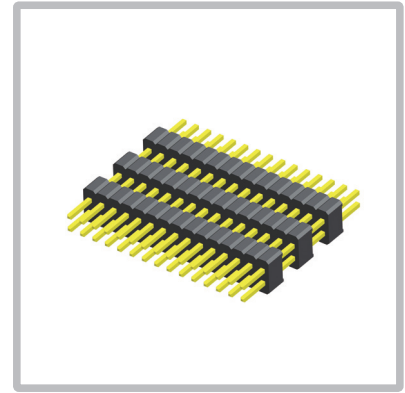
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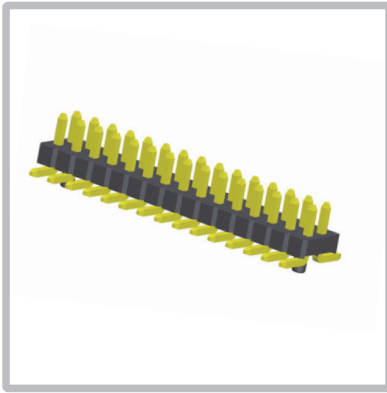
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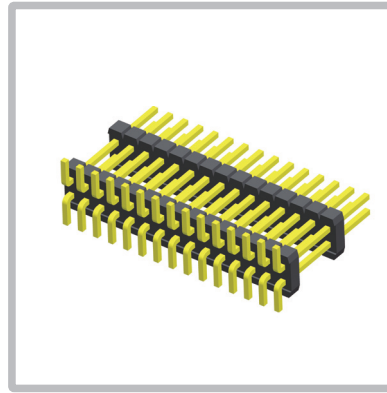
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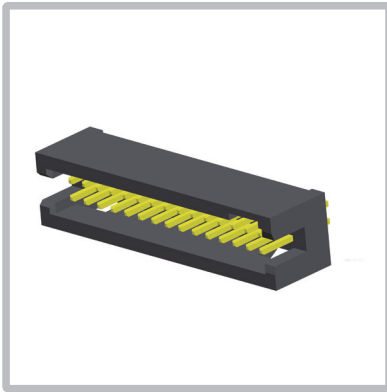
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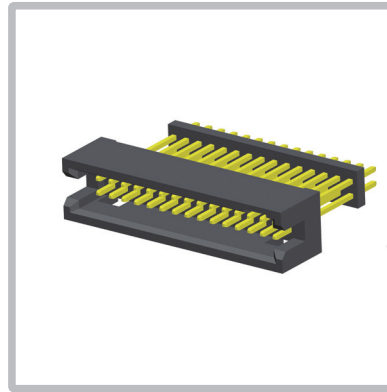
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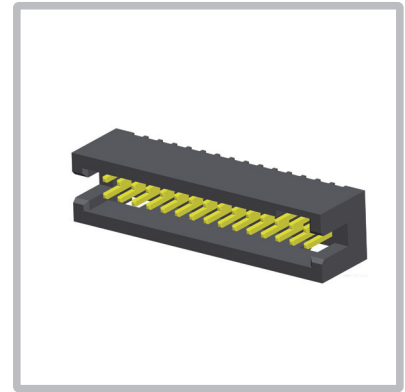
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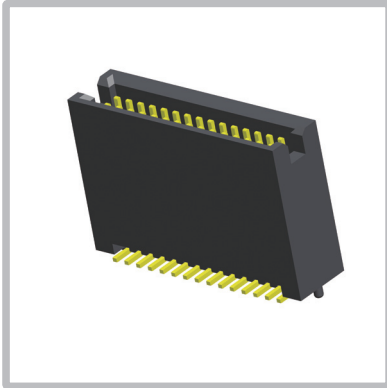


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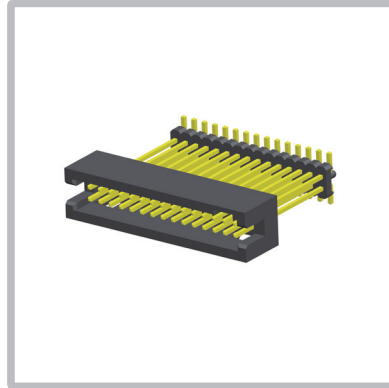


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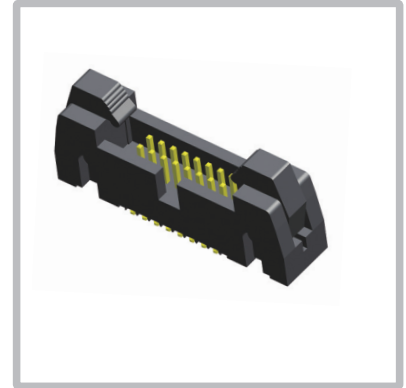
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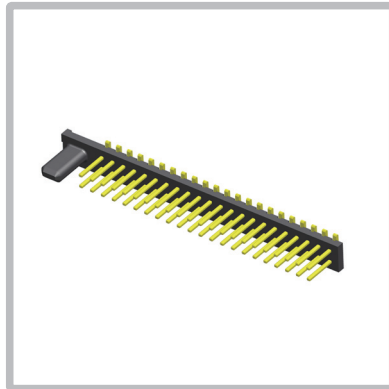
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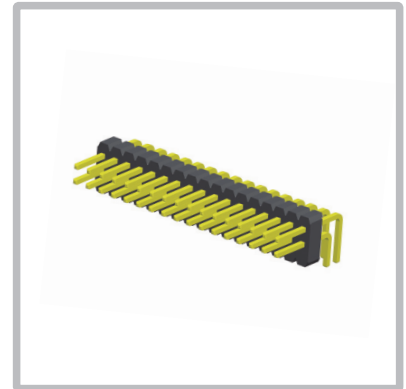
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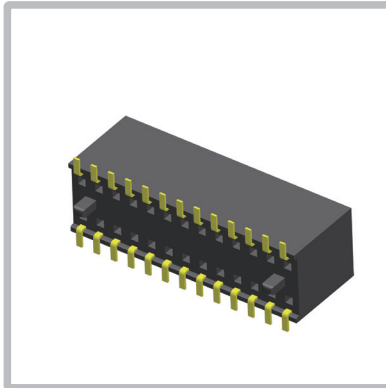


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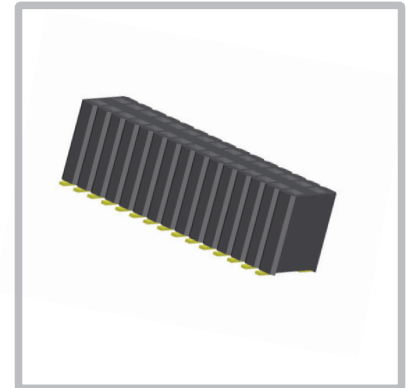


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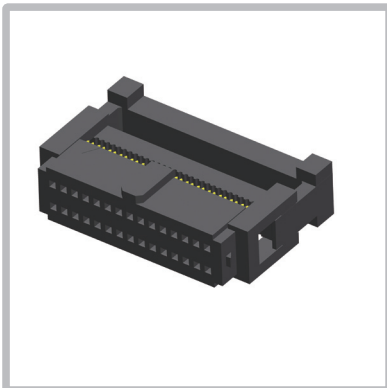
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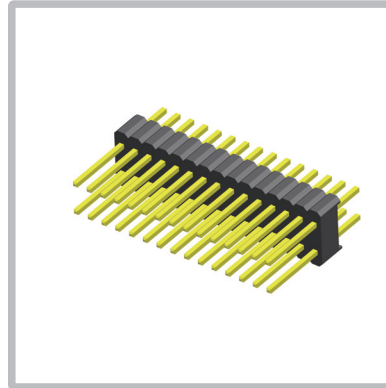
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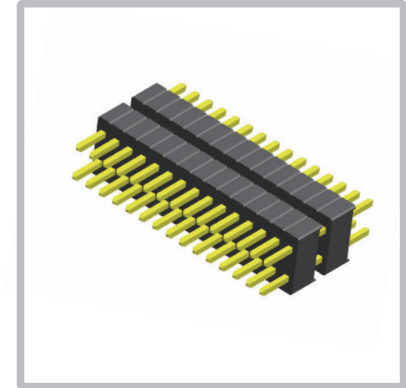
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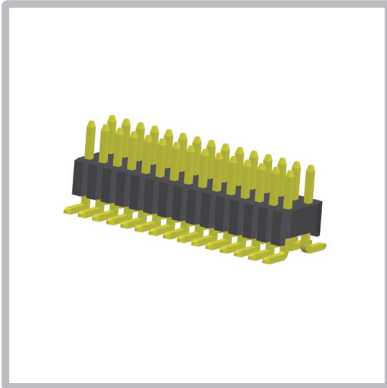
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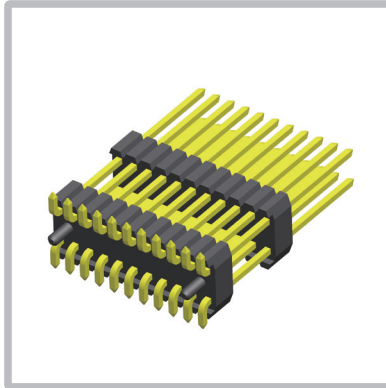
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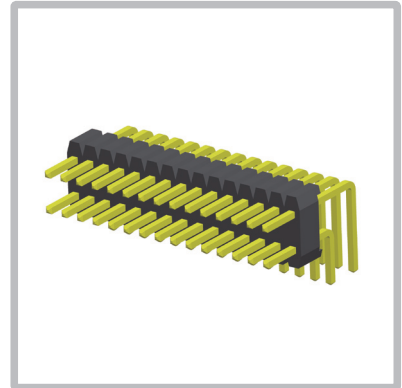
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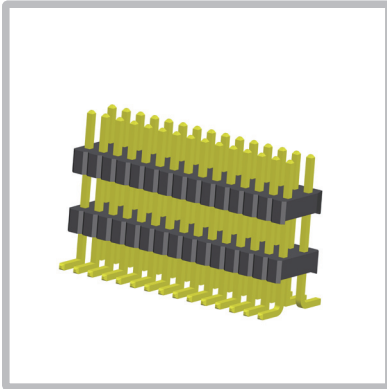
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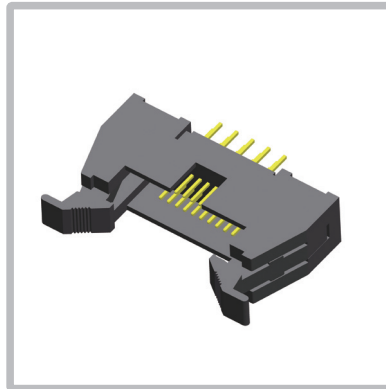
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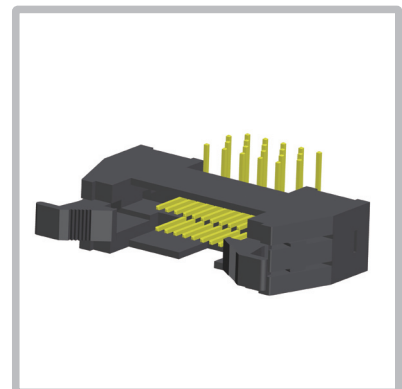
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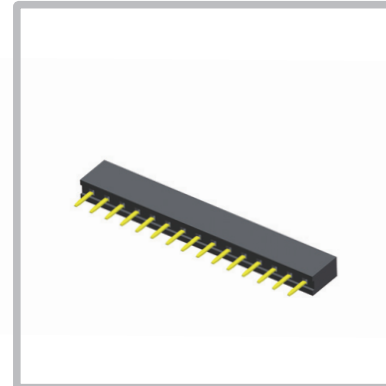


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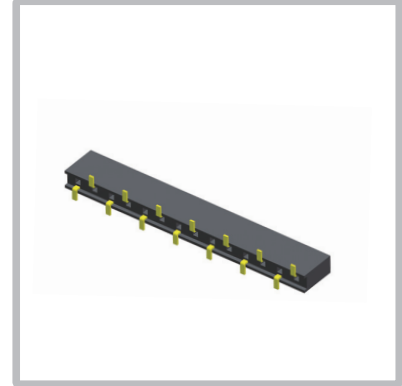


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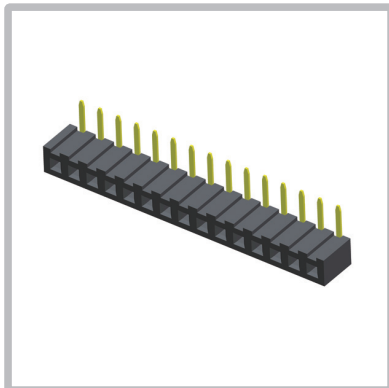
**2.0mm  
Pitch Series**



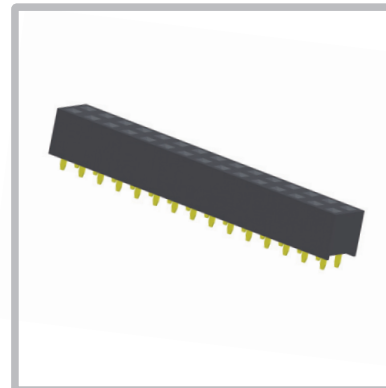
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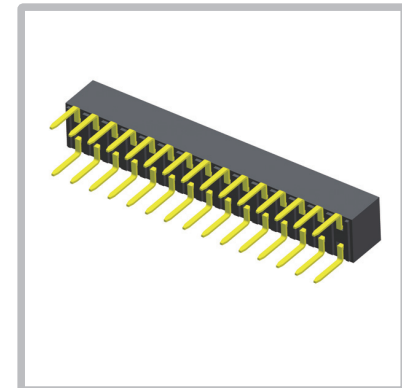
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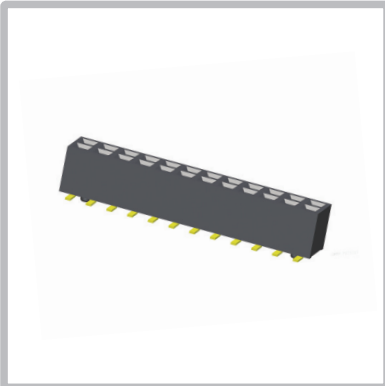


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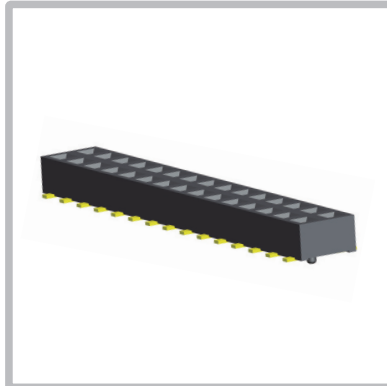


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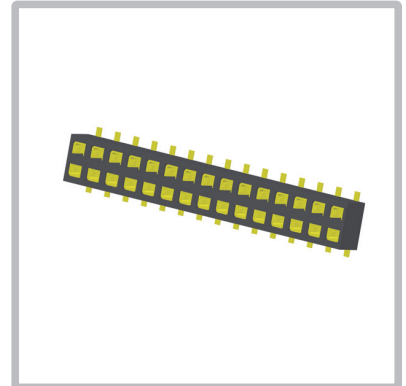
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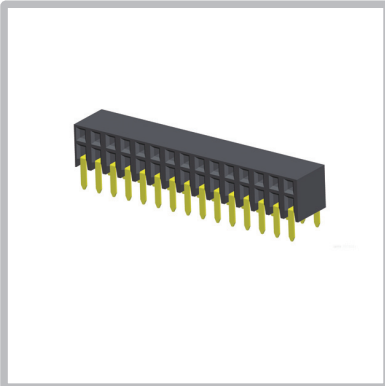
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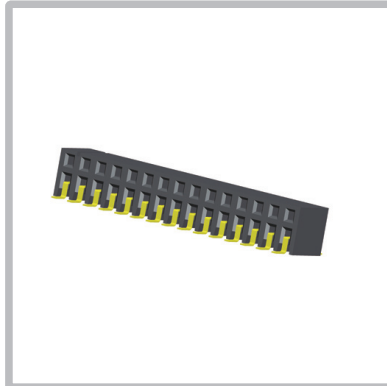
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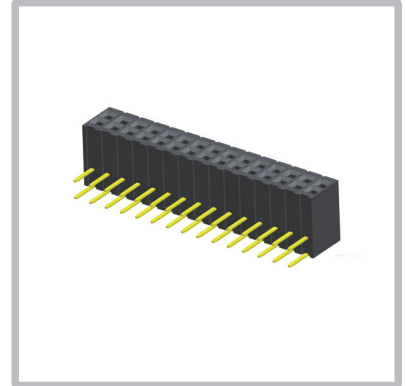
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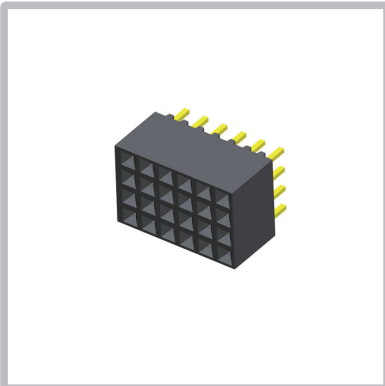
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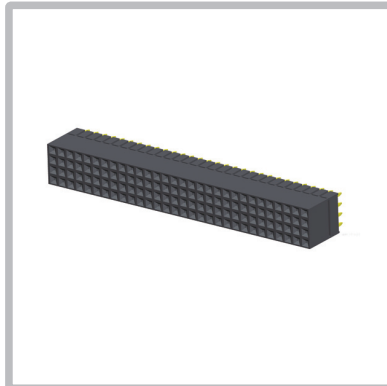
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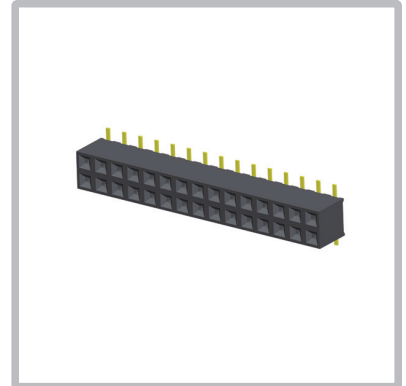
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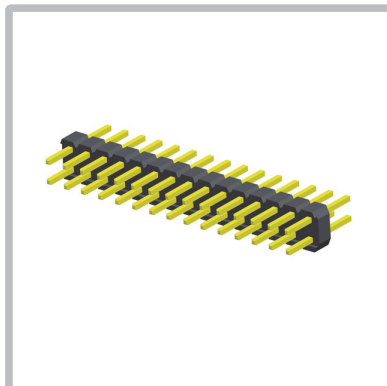
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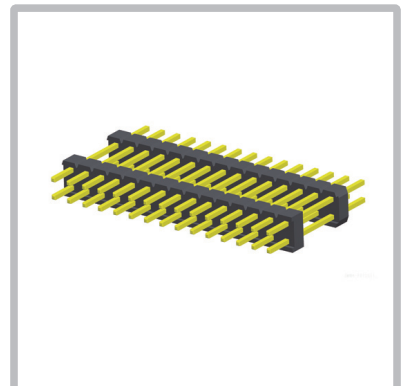
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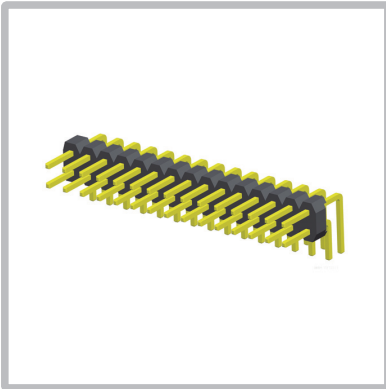
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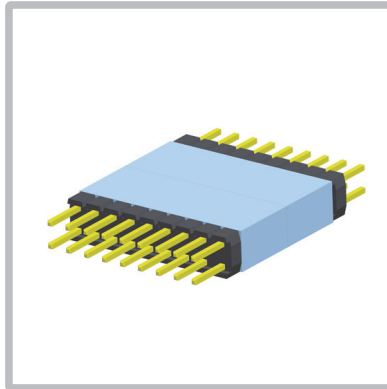
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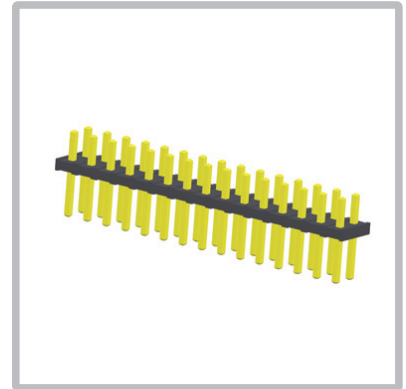
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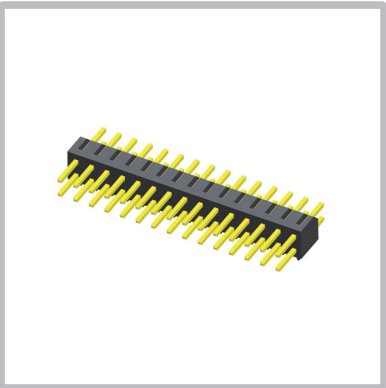
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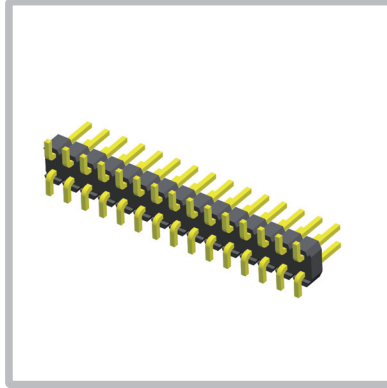
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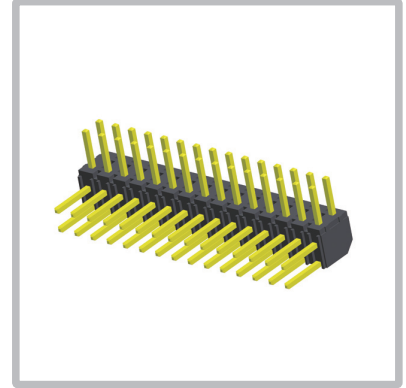
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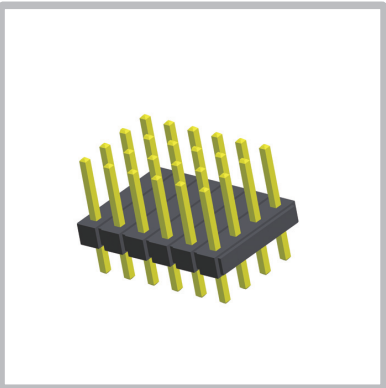
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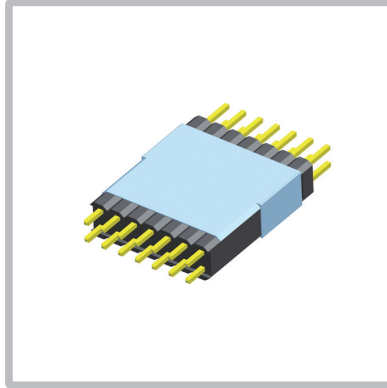
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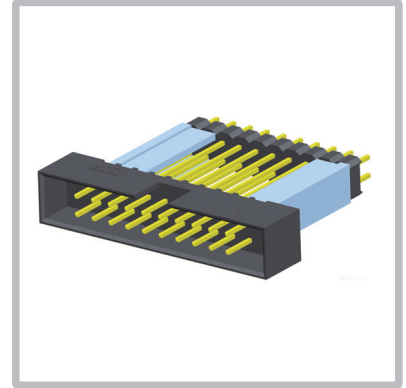
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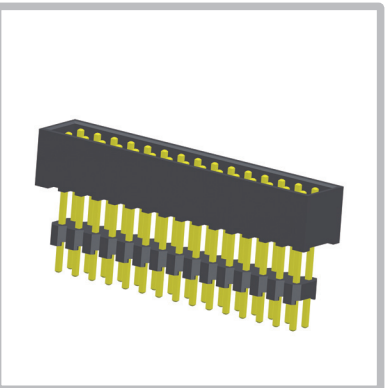
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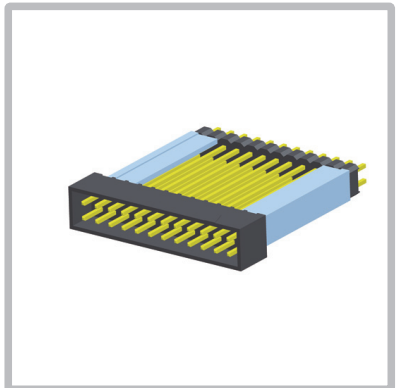
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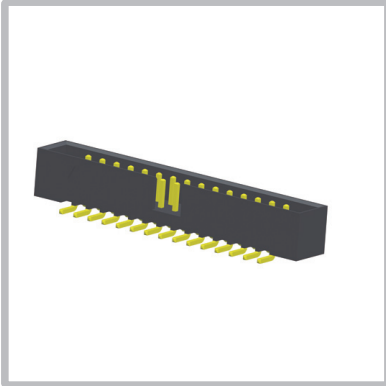


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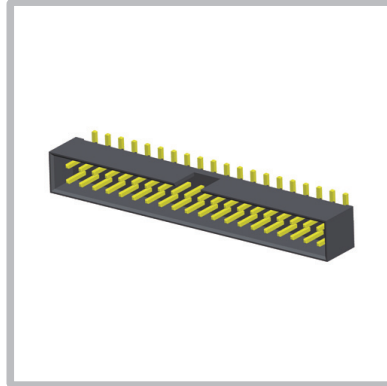


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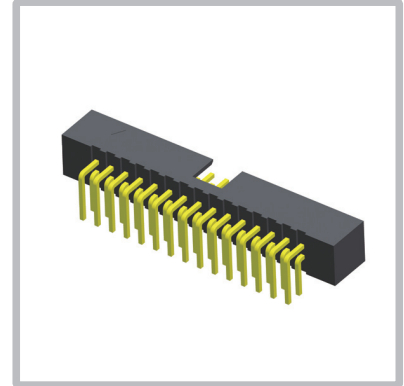
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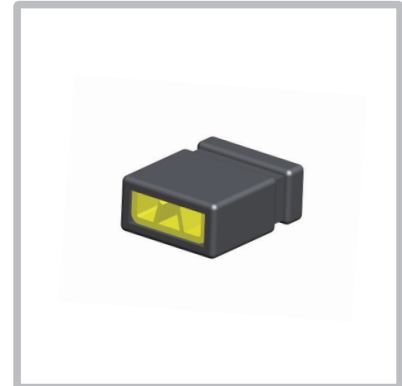
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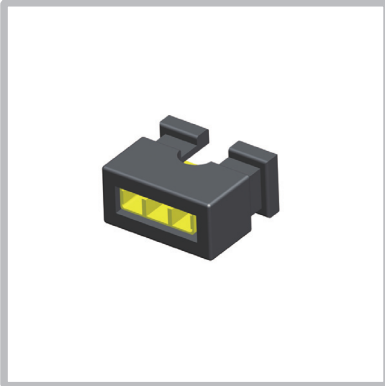
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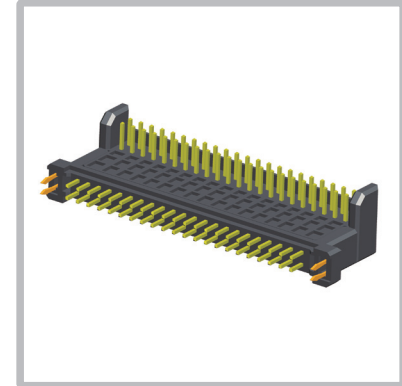
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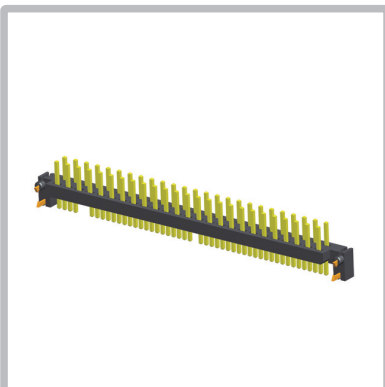
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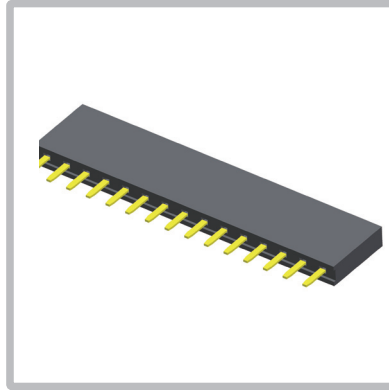


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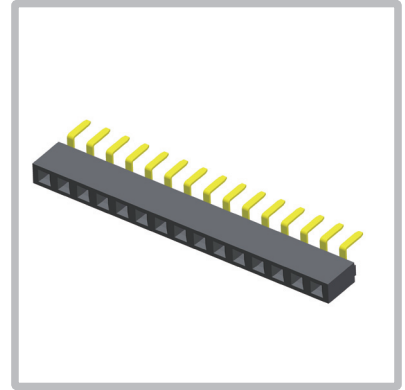


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**2.54mm  
Pitch Series**



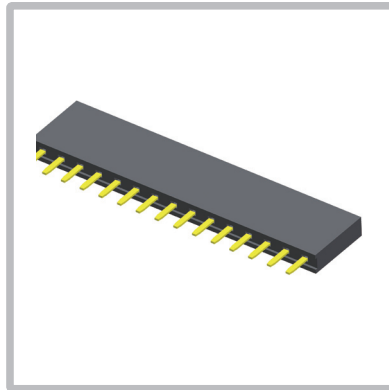
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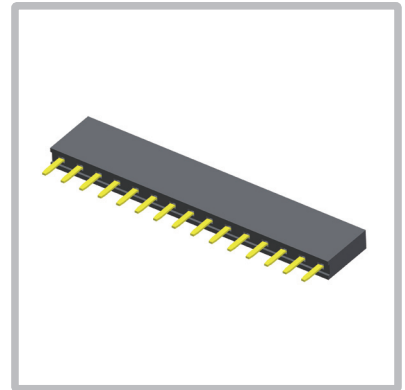
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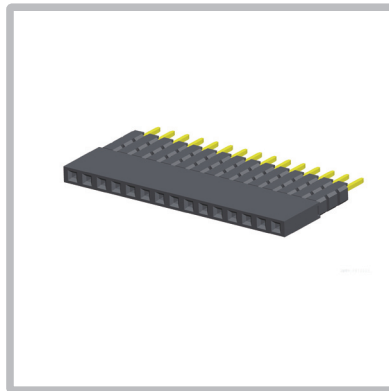
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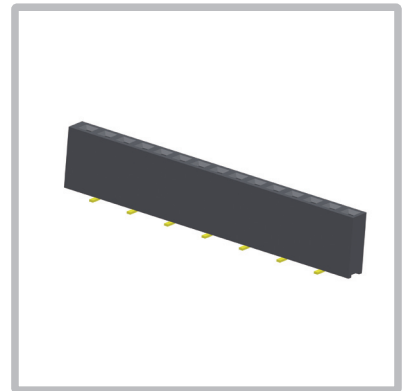
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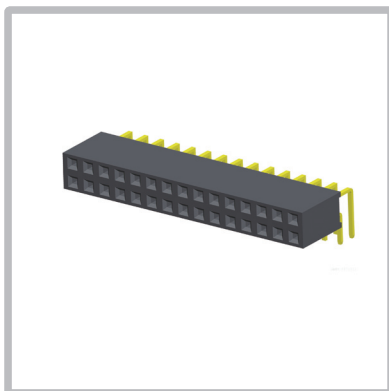
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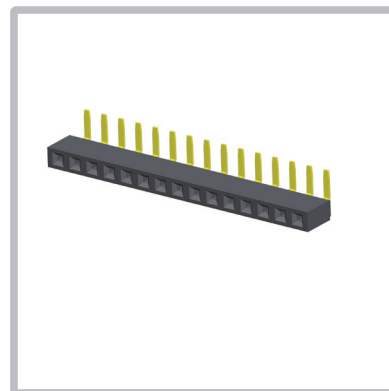
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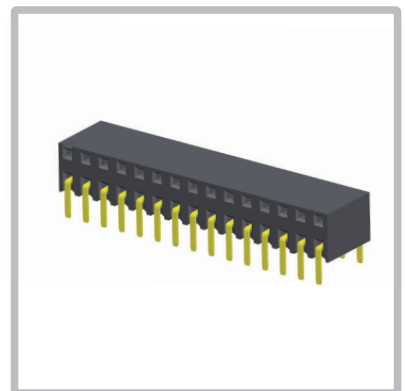
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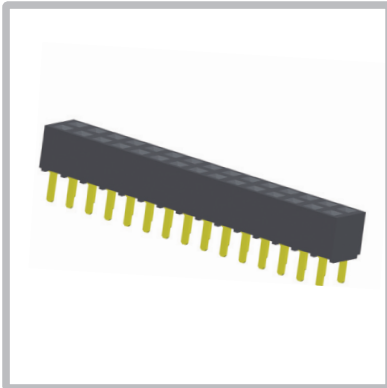


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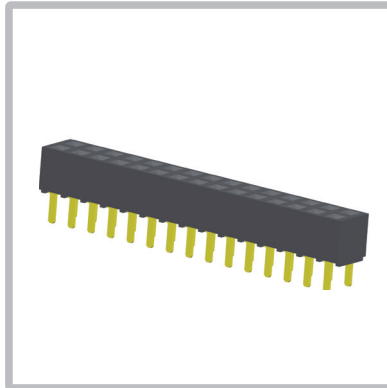


D011\_XP90-01XA0-XXXX

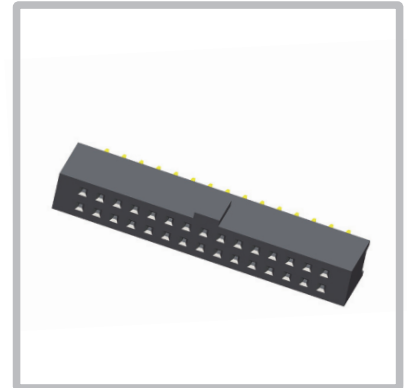
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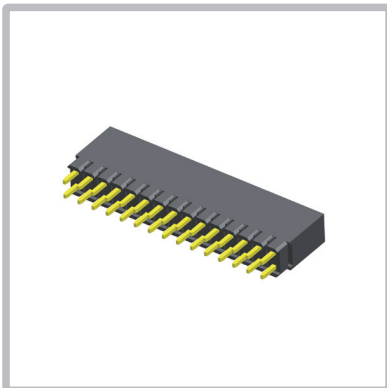
D012\_ XP90-01405-XXXX



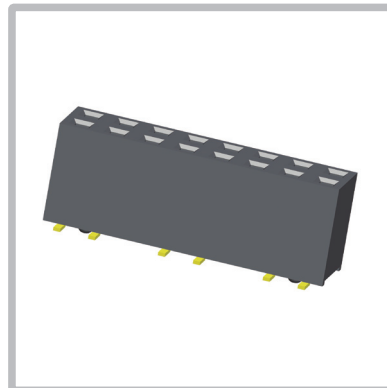
D013\_ XP90-01407-XXXX



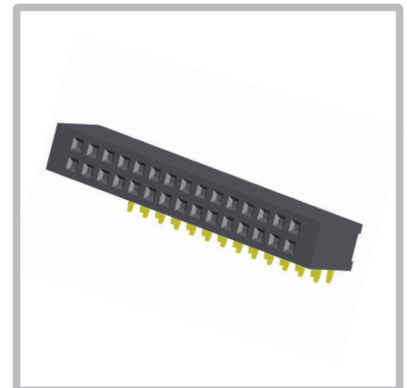
D014\_ XP90-0143X-XXXX



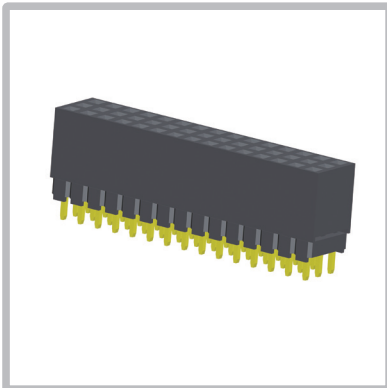
D015\_ XP90-0149X-XXXX



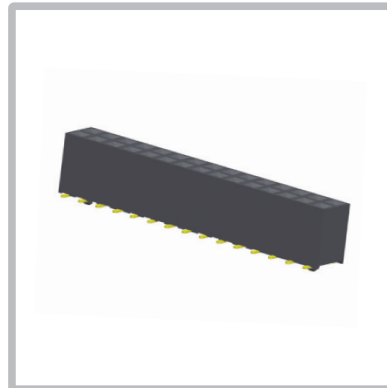
D016\_ XP90-01X51-XXXX



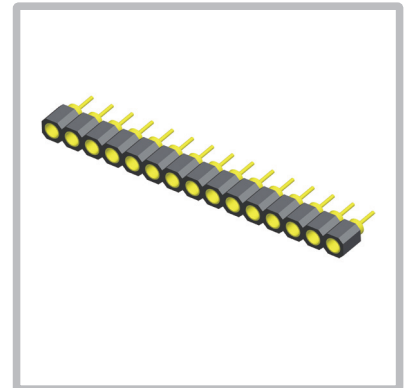
D017\_ XP90-0163X-XXXX



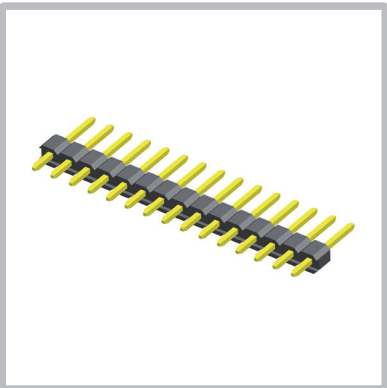
D018\_ XP90-0179X-XXXX



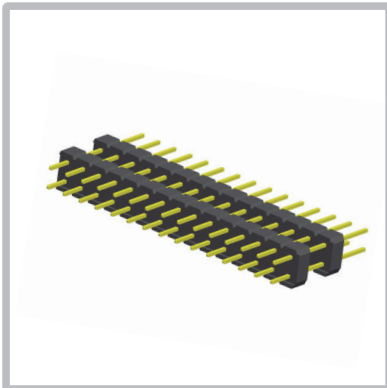
D019\_ TPE0-2X0XX-00XX



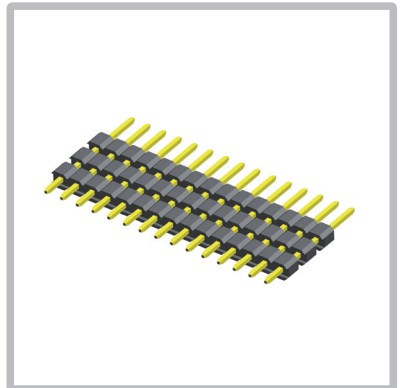
D020\_ TPE0-021XX-00XH



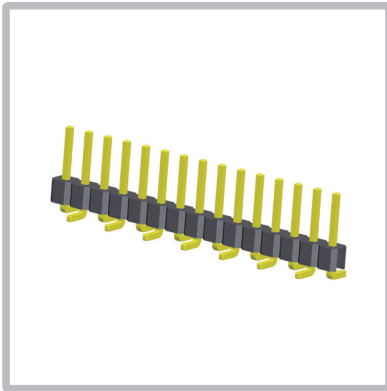
D021\_ XP91-01X0X-XXXX



D022\_ XP91-01X3X-XXXX



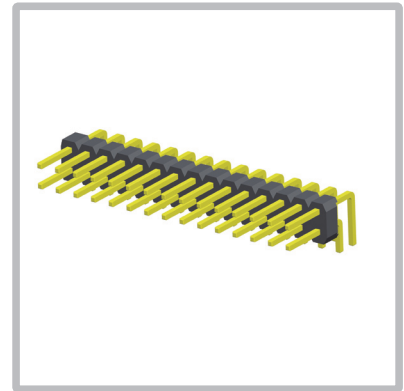
D023\_ XP91-01X6X-XXXX



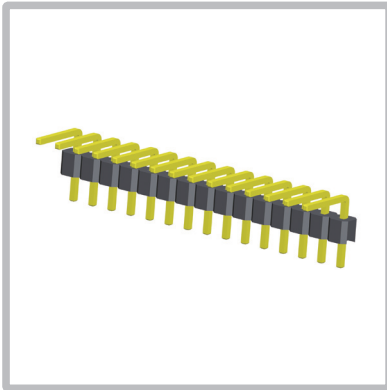
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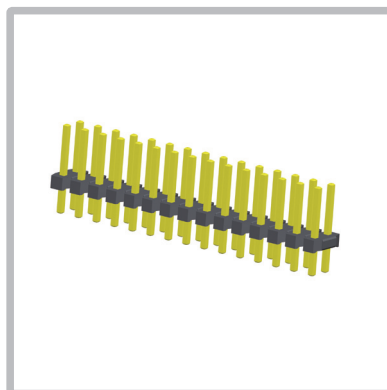
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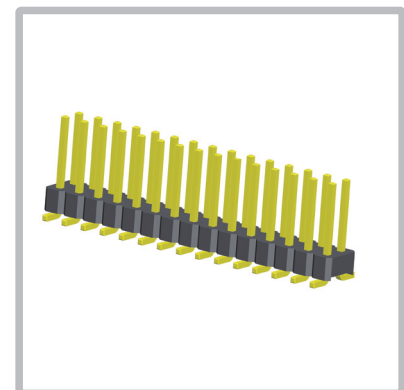
D026\_XP91-01X0X-XXXX



D027\_XP91-0133X-XXXX



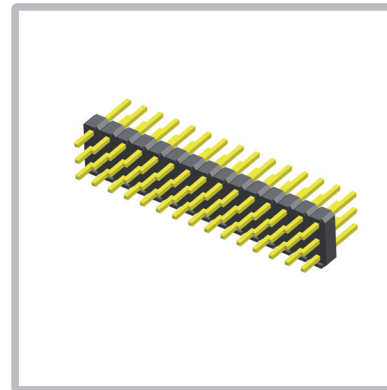
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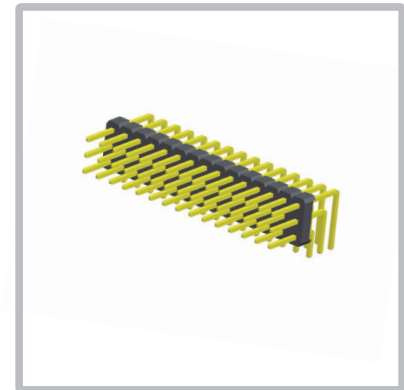
D029\_XP91-0150X-XXXX



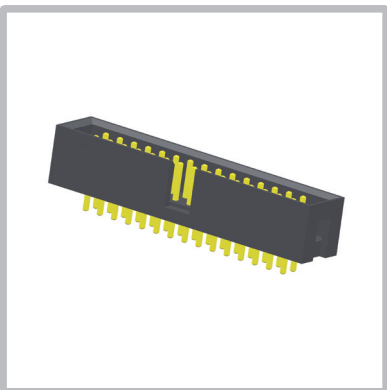
D030\_XP91-0155X-XXXX



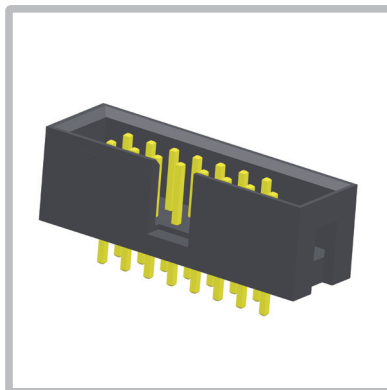
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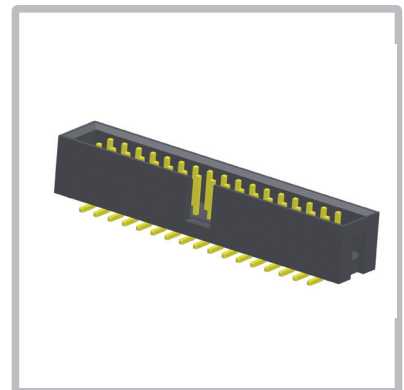
D032\_XP91-0180X-XXXX



D033\_XP91-014B1-XXXX

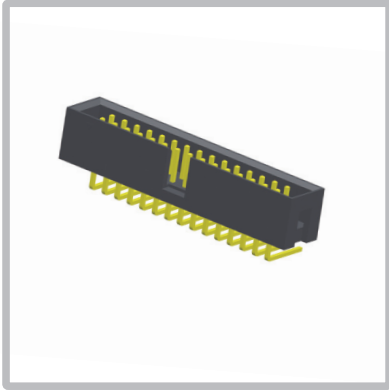


D034\_XP91-014BX-XXXX

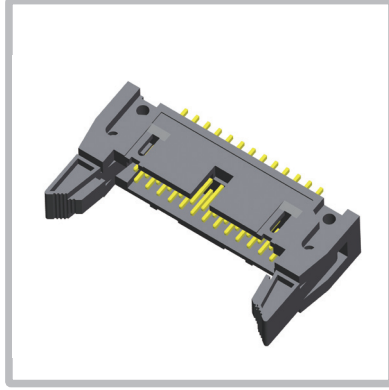


D035\_XP91-01XBX-XXXX

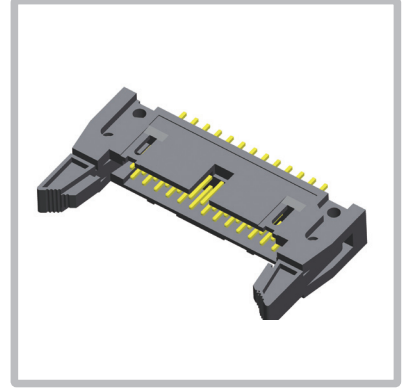
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D036\_XP91-016B1-XXXX



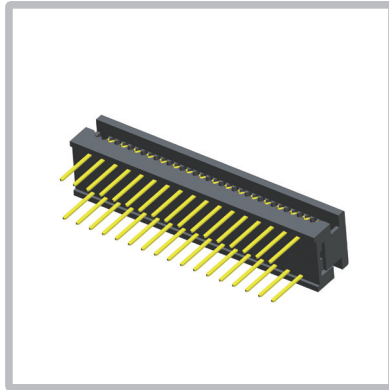
D037\_XP91-014SX-XXXX



D038\_XP91-016SX-XXXX



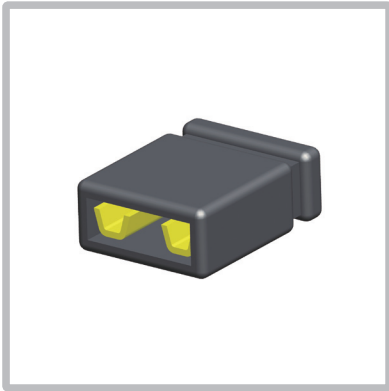
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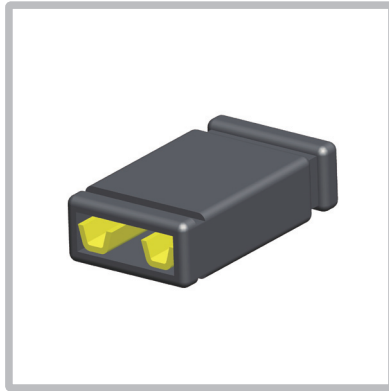
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D041\_XP91-01XM1-X2XX



D042\_XP91-01XM2-X2XX



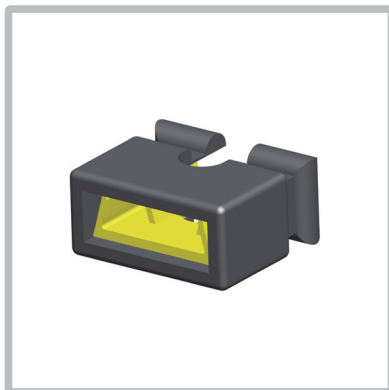
D043\_XP91-01XM6-X2XX



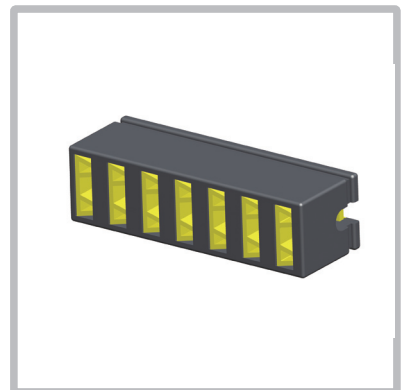
D044\_XP91-01XM7-X2XX



D045\_XP91-01XM8-X2XX

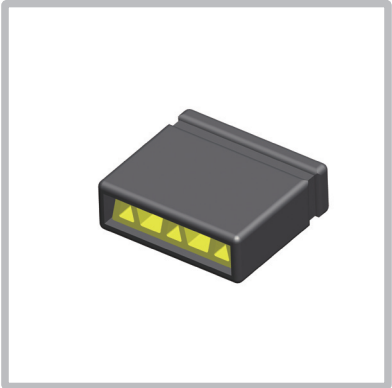


D046\_XP91-01XM9-X2XX



D047\_XP91-01XMA-XXXX

**5.08mm  
Pitch Series**



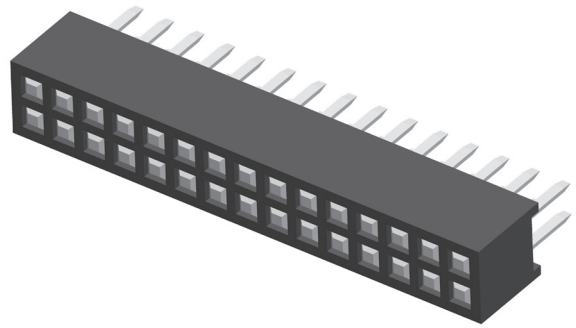
E001\_XP91-13XM1-X3XX

# 1.27mm FEMALE HEADER S/T TYPE BASE 3.4/4.3mm

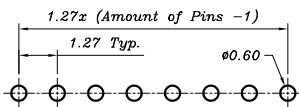
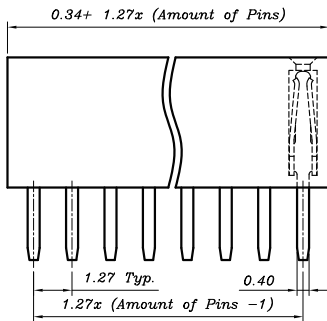
## ORDER INFORMATION

$\frac{X}{a}$  P90-03  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=1-Single Row  
4-Dual Row
- c=Type Option  
Housing Dim.H-3.4mm,4.3mm
- d=Amount of Pins:  
Single Row:03~50-3~50Pins  
Dual Row:06~A0-6~100Pins
- e=Packing Option
- f=Plating Option

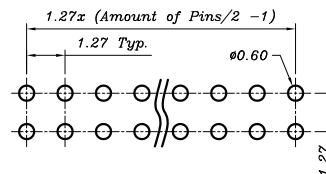
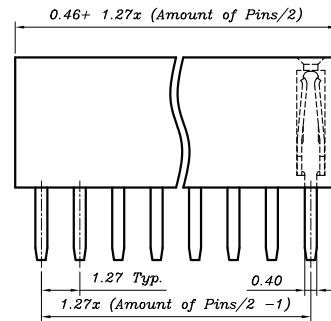
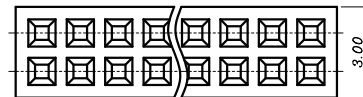


XP90-0310X-XXXX  
Single Row



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

XP90-0340X-XXXX  
Dual Row



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27mm FEMALE HEADER S/T TYPE BASE 4.6mm

## ORDER INFORMATION

$\frac{X}{a}$  P90-03  $\frac{X}{b}$  5  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =1-Single row

4-Dual Row

$c$ =Type Option

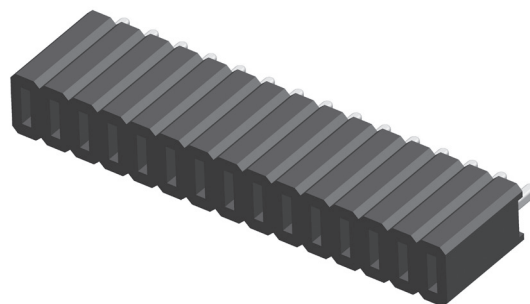
Dim.B-1.5mm,2.4mm,3.0mm

$d$ =Single Row 03~40-3~40Pins

Dual Row 06~A0-6~100Pins

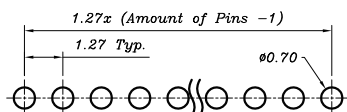
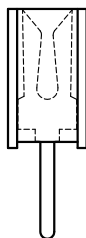
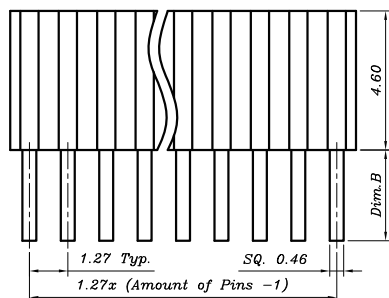
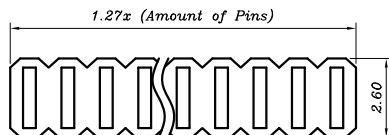
$e$ =Packing Option

$f$ =Plating Option



XP90-0315X-XXXX

Single Row

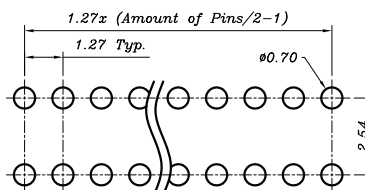
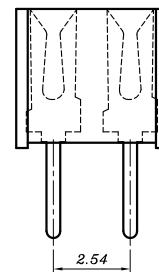
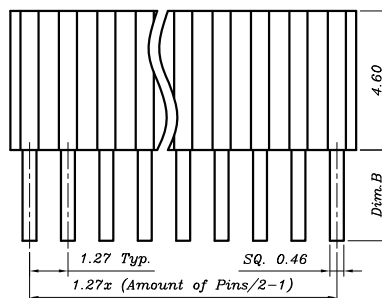
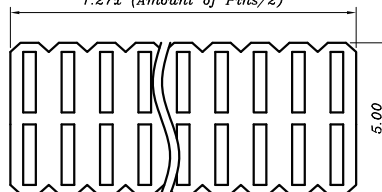


Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

XP90-0345X-XXXX

Dual Row

1.27x (Amount of Pins/2)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

## SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

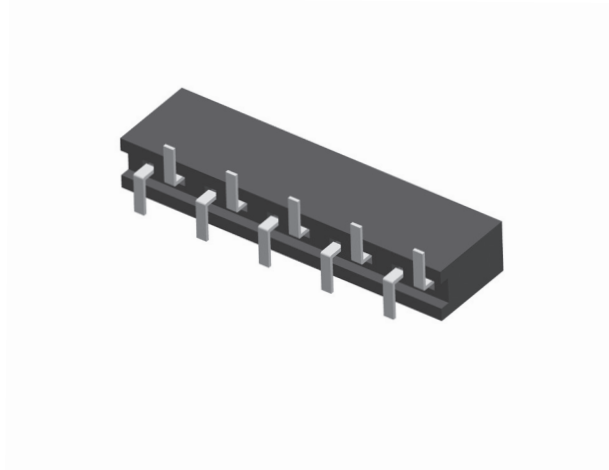
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

**1.27mm FEMALE HEADER SMT TYPE SINGLE ROW BASE 3.4/4.3mm**

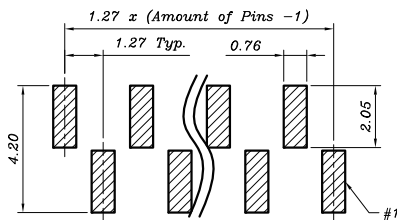
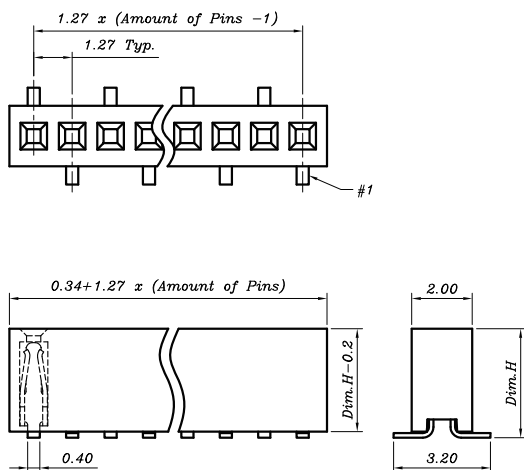
**ORDER INFORMATION**

$\frac{X}{a}$  P90-0320  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =Type Option  
Housing Dim.H-3.6mm,4.5mm
- $c$ =Amount of Pins:03~50-3~50Pins
- $d$ =Packing Option
- $e$ =Plating Option

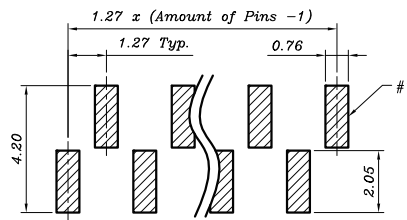
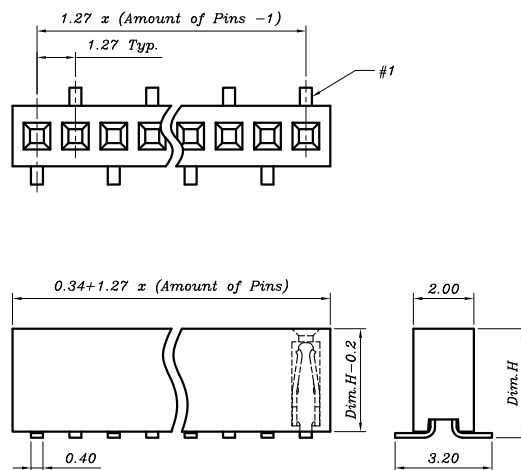


Type A



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Type B



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

**SPECIFICATION**

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 1.27mm FEMALE HEADER SMT TYPE DUAL ROW BASE 3.4/4.3mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-03  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =5-Without Post

B-With Post

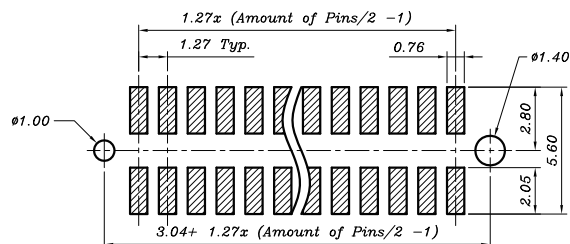
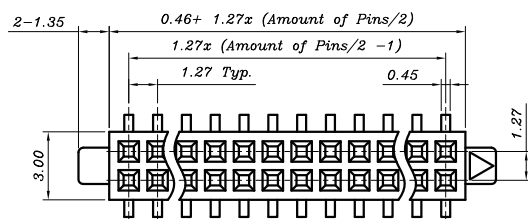
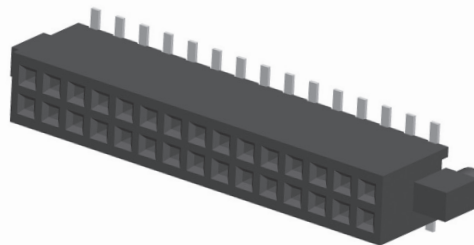
$c$ =Type Option

Housing Dim.H-3.4mm,4.3mm

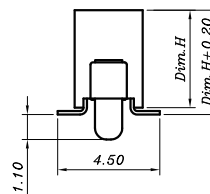
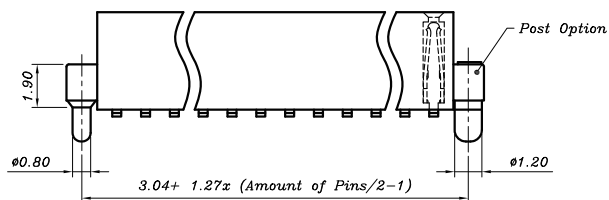
$d$ =Amount of Pins:06~80-6~80Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

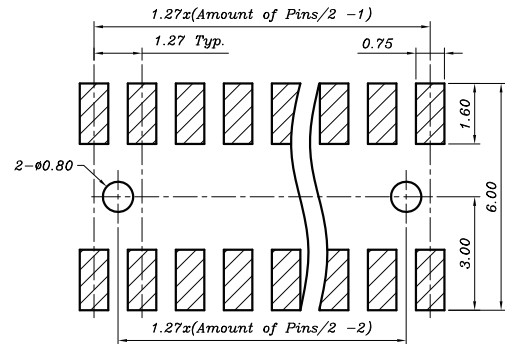
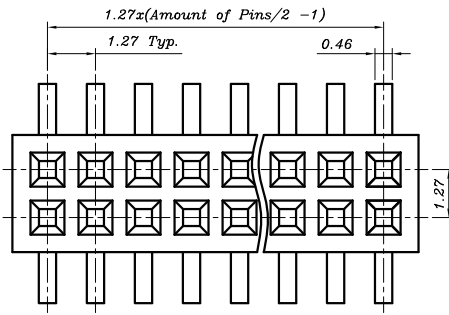
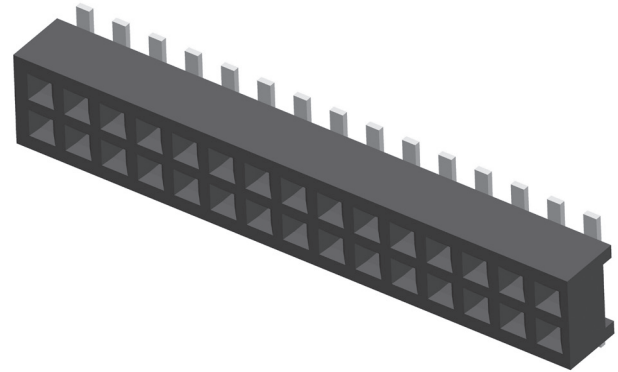
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm FEMALE HEADER SMT TYPE DUAL ROW TOP ENTRY

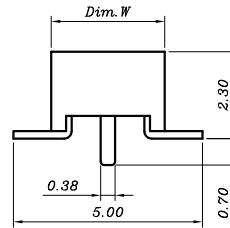
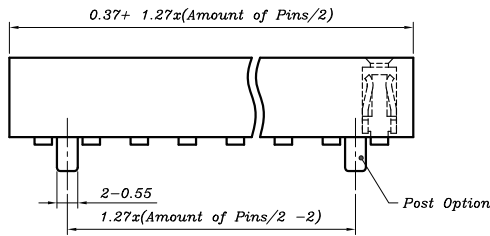
## ORDER INFORMATION

$\frac{X}{a}$  P90-03  $\frac{X}{b}$  3  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =5-Without Post  
B-With Post
- $c$ =Type Option  
Housing Dim.W-3.1mm,3.4mm
- $d$ =Amount of Pins:06~80-6~80Pins
- $e$ =Packing Option
- $f$ =Platibg Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

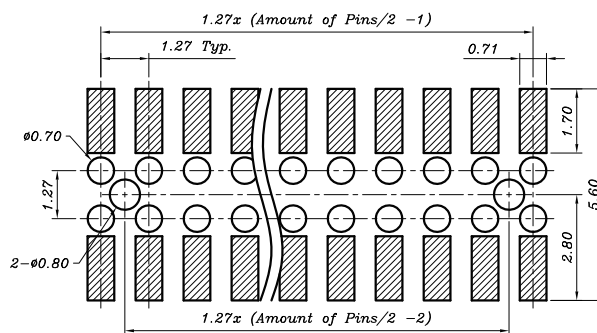
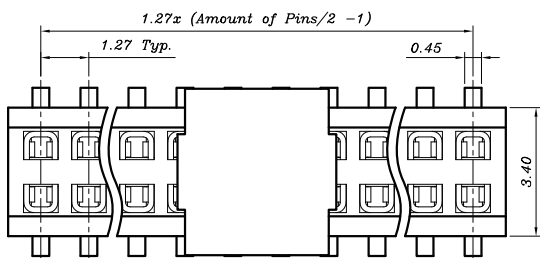
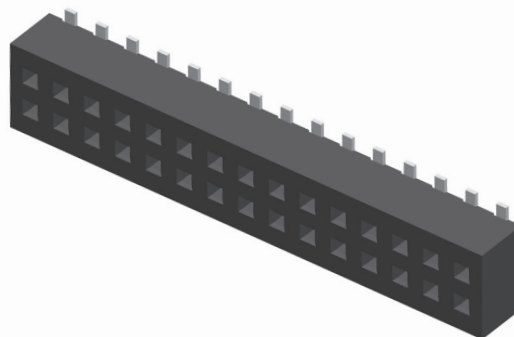
- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm FEMALE HEADER SMT TYPE DUAL ROW BOTTOM ENTRY

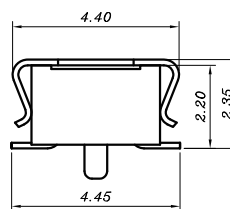
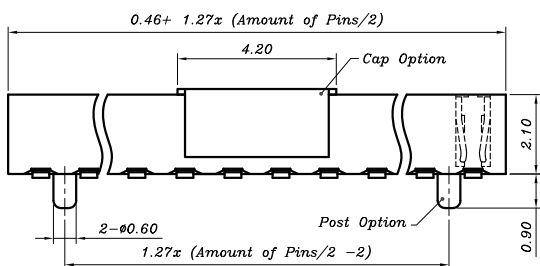
## ORDER INFORMATION

$\frac{TPF0-2}{a} \frac{X}{b} 0 \frac{XX}{c} -01 \frac{X}{d} \frac{X}{e}$

- $\alpha$ =T-RoHS(for High Temperature)
- $b$ =4-With Post  
5-Without Post
- $c$ =Amount of Pins:10~80-10~80Pins
- $d$ =Packing Option
- $e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

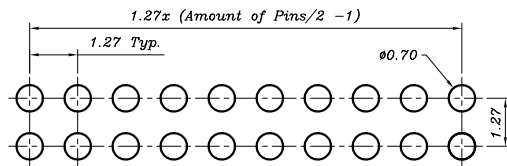
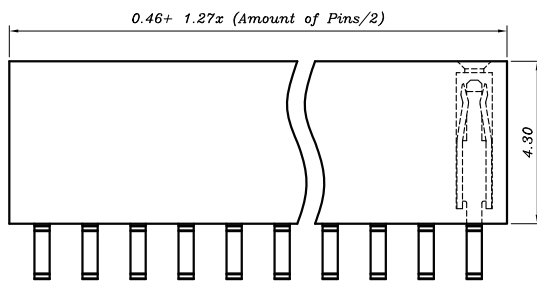
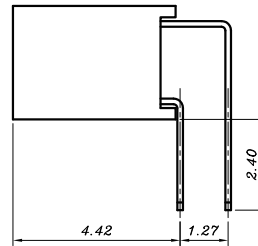
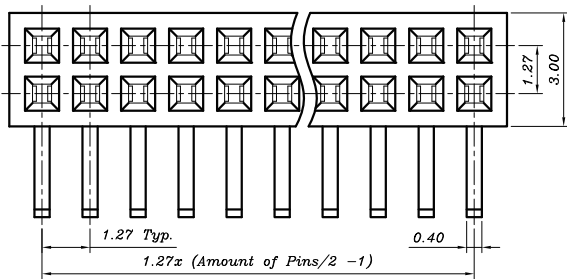
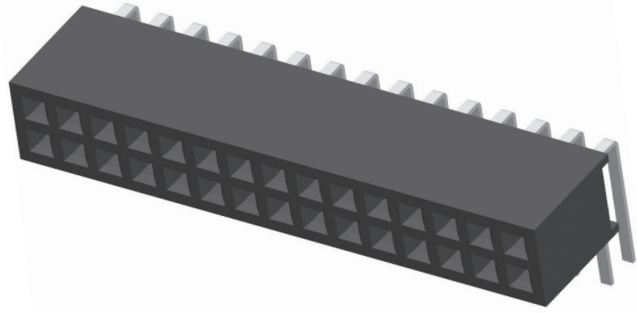
- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm FEMALE HEADER R/A TYPE DUAL ROW

## ORDER INFORMATION

$\frac{TPF0-320}{a} \frac{32}{b} \frac{-00}{c} \frac{X}{d}$

$a$ =T-RoHS(for High Temperature)  
 $b$ =Amount of Pins:32-32Pins  
 $c$ =Packing Option  
 $d$ =Plating Option



Recommended P.C.B. Layout  
 Layout Tolerance = ± 0.05 mm

## SPECIFICATION

Current Rating : 1A  
 Contact Resistance : 20m ohms Max.  
 Dielectric Withstanding : AC 500V  
 Operating Temperature : -40°C ~ 105°C

## 1.27mm IDC SOCKET

### ORDER INFORMATION

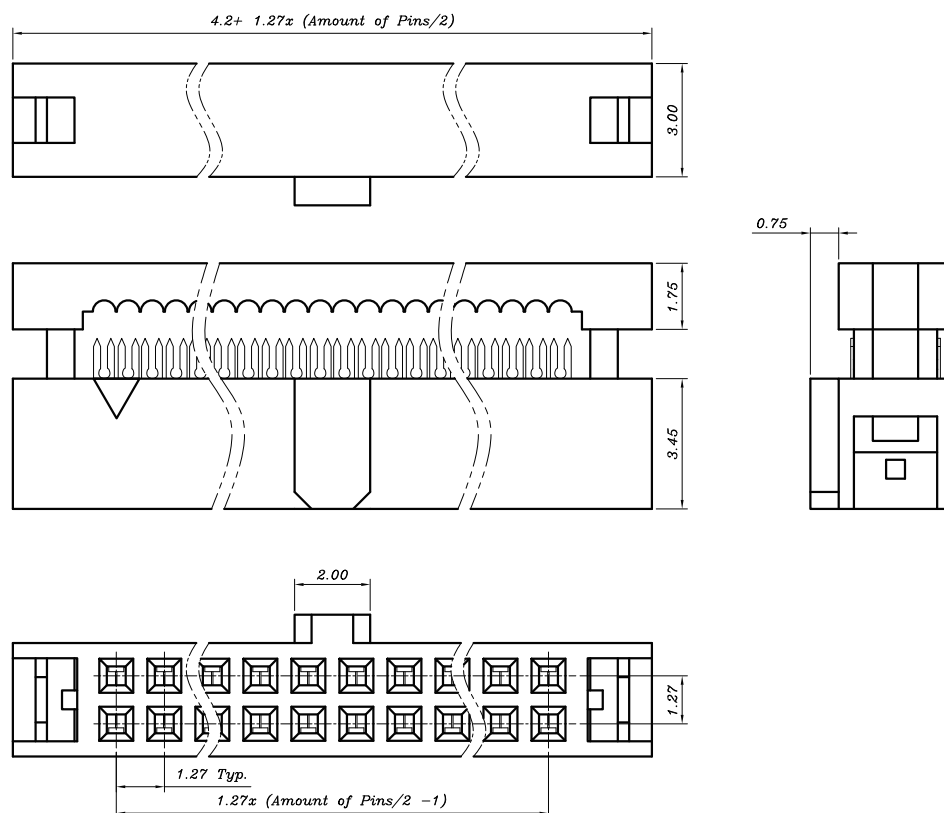
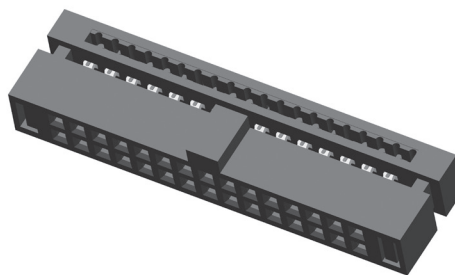
$\frac{Y}{a}$  I90-10341-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

$a$ =Y-RoHS

$b$ =06~68-6~68Pins

$c$ =Packing Option

$d$ =Plating Option



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

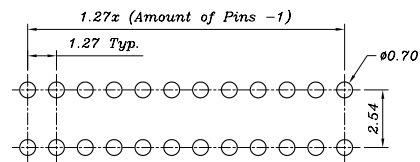
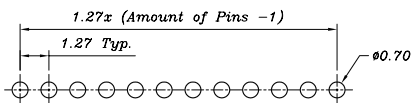
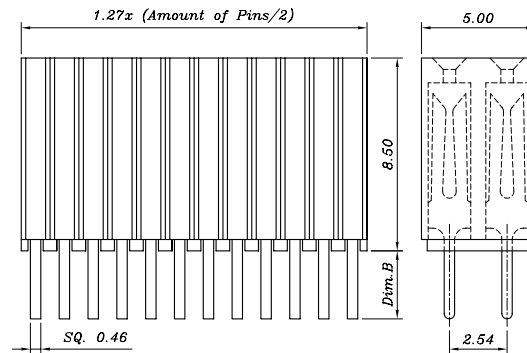
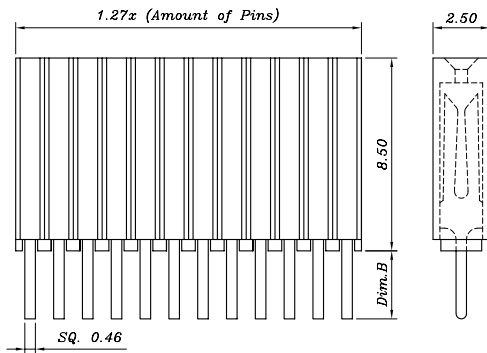
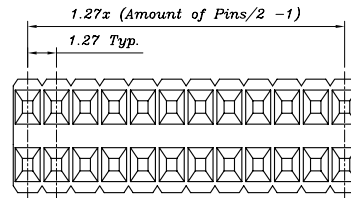
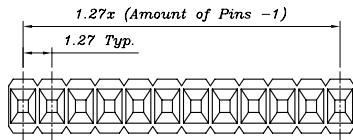
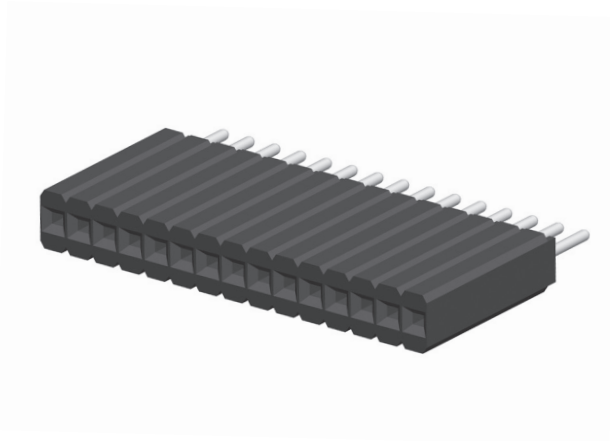
Operating Temperature : -40°C ~ 105°C

**1.27mm FEMALE HEADER S/T TYPE BASE 8.5mm**

**ORDER INFORMATION**

$\frac{X}{a}$  P90-07  $\frac{X}{b}$  1  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =1-Single Row  
4-Dual Row
- $c$ =Type Option  
Dim.B-1.5mm,2.4mm,3.0mm
- $d$ =Single Row 02~35-2~35Pins  
Dual Row 04~70-4~70Pins
- $e$ =Packing Option
- $f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

**SPECIFICATION**

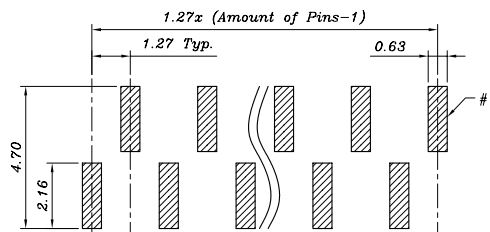
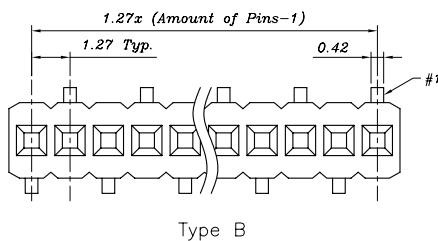
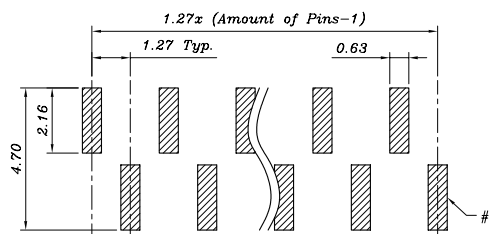
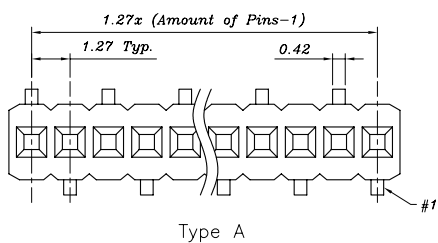
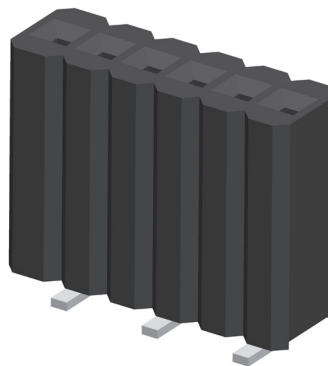
- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}$  C ~  $105^{\circ}$  C

**1.27mm SOCKET SMT TYPE SINGLE ROW BASE 5.8mm**

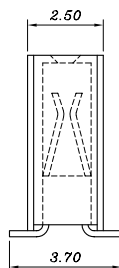
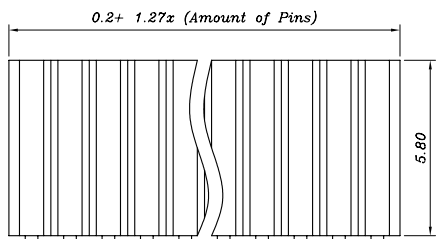
**ORDER INFORMATION**

$\frac{X}{a}$  P90-0720  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=Type Option  
TypeA,TypeB
- c=Amount of Pins:03~40-3~40Pins
- d=Packing Option
- e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



**SPECIFICATION**

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40° C ~ 105° C

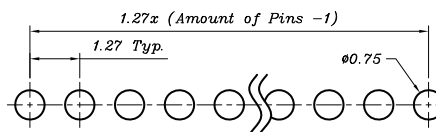
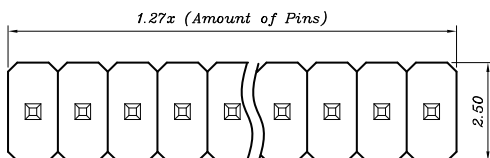
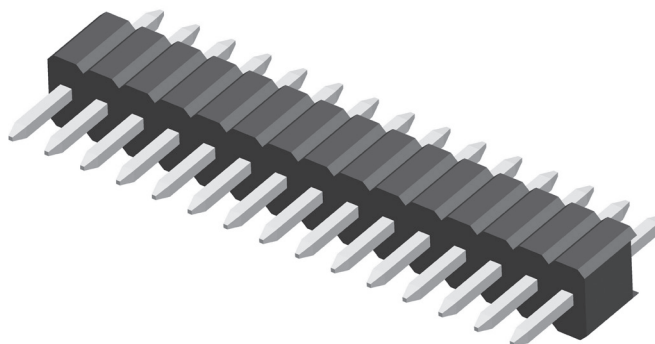
# 1.27mm PIN HEADER LOW PROFILE S/T TYPE SINGLE ROW

## ORDER INFORMATION

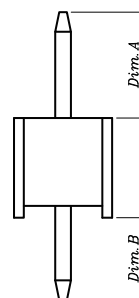
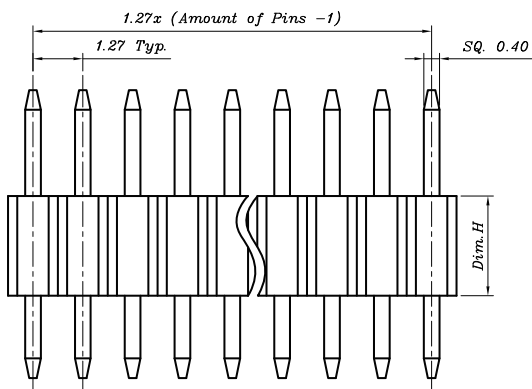
$\frac{X}{a}$  P91-0310  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=Type Option  
Housing Dim.H-1.0mm,1.5mm,2.0mm,  
2.54mm,3.95mm  
Pin Length(Dim.A/Dim.B):  
Custom Length Available
- c=Amount of Pins:02~50-2~50 Pins
- d=Packing Option
- e=Plating Option

\* Dim.A:3.0mm/Dim.B:2.3mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27mm PIN HEADER S/T STACK TYPE SINGLE ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0312  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

**a**=Y-RoHS

Z-RoHS(for High Temperature)

**b**=Type Option

Housing Dim.H-1.4mm,1.7mm,2.0mm  
2.5mm,2.54mm

Pin Length(Dim.A/Dim.B/Dim.C):

Custom Length Available

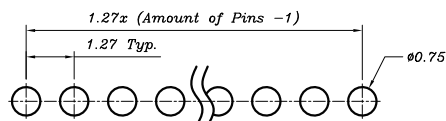
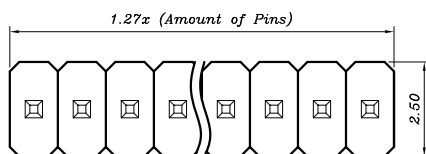
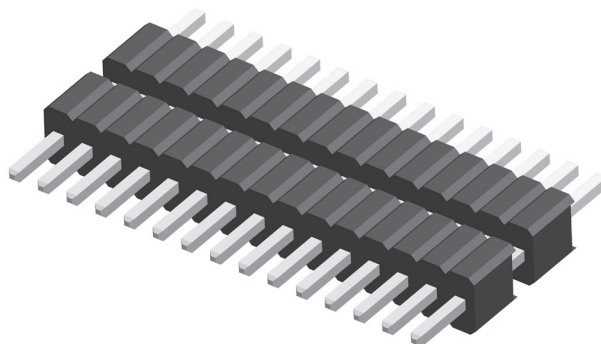
**c**=Amount of Pins:03~50-3~50 Pins

**d**=Packing Option

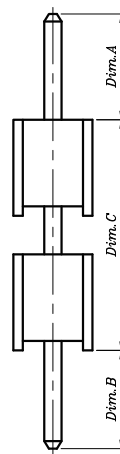
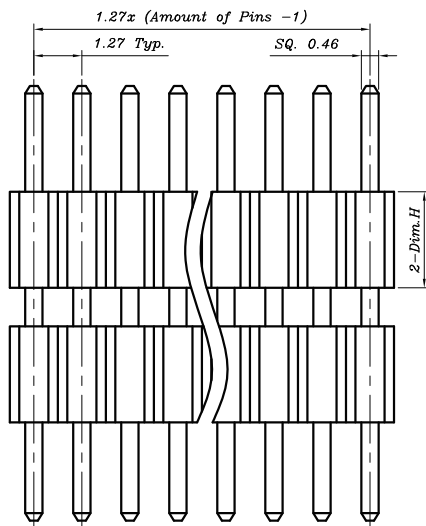
**e**=Plating Option

\*Dim.A:3.0mm/Dim.C:6.1mm/Dim.B:2.3mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER SMT TYPE SINGLE ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0320  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Housing Dim.H-1.0mm,1.4mm

1.7mm,2.54mm

Pin Length(Dim.A/Dim.F):

Custom Length Available

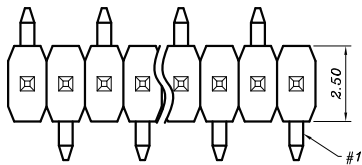
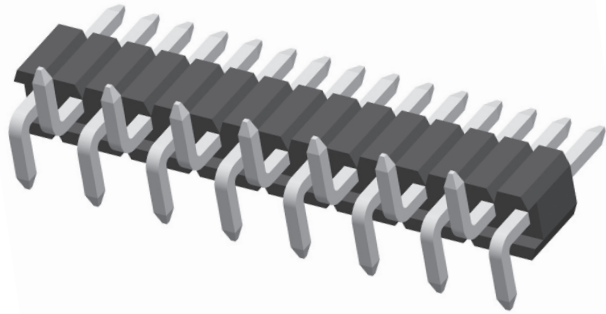
$c$ =Amount of Pins:02~50-2~50 Pins

$d$ =Packing Option

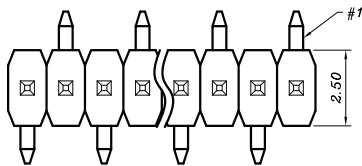
$e$ =Plating Option

\*Dim.A:3.0mm/Dim.F:5.08mm

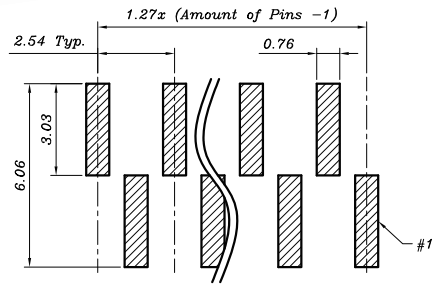
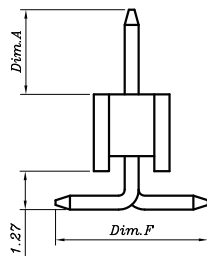
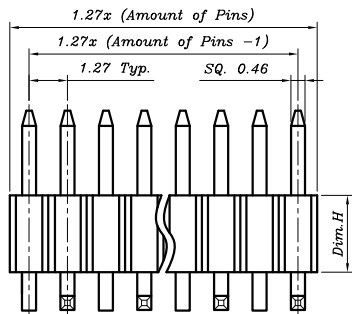
(\*=Standard)



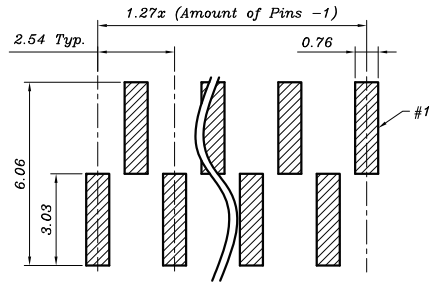
Type A



Type B



Type A



Type B

Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 1.27mm PIN HEADER R/A TYPE SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0330  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Housing Dim.H-1.0mm,1.4mm,

1.7mm,2.5mm,

Pin Length(Dim.A/Dim.B/Dim.X):

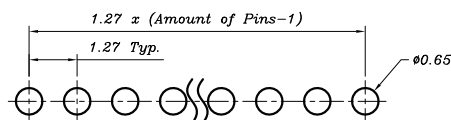
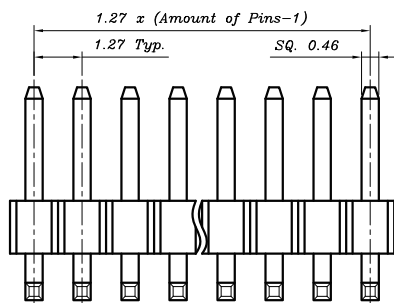
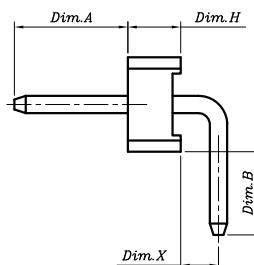
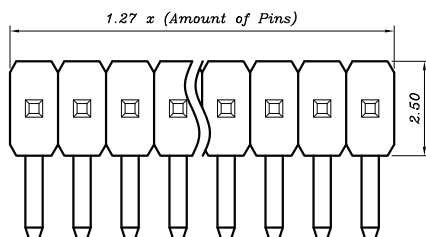
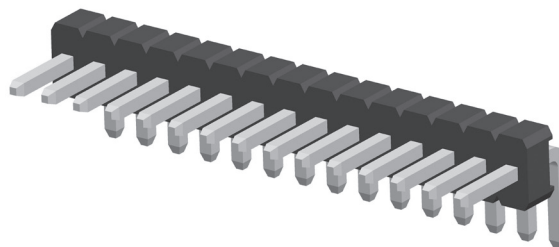
Custom Length Available

$c$ =Amount of Pins:02~50-2~50 Pins

$d$ =Packing Option

$e$ =Plating Option

\*Dim.A:3.0mm/Dim.B:2.3mm/Dim.X:1.0mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER LOW PROFILE S/T TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0340  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Housing Dim.H-1.0mm,1.1mm,2.0mm,  
2.0mm,3.0mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

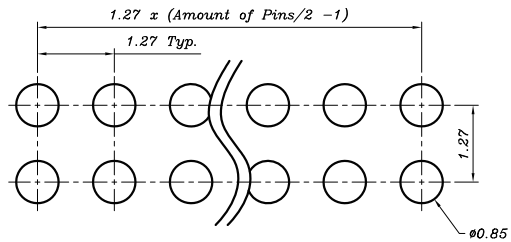
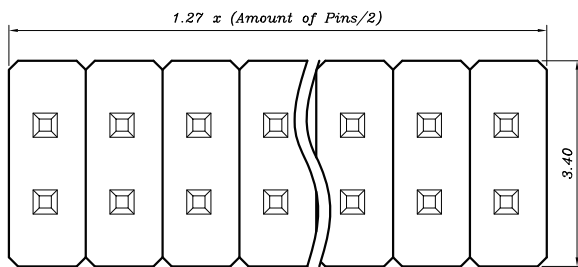
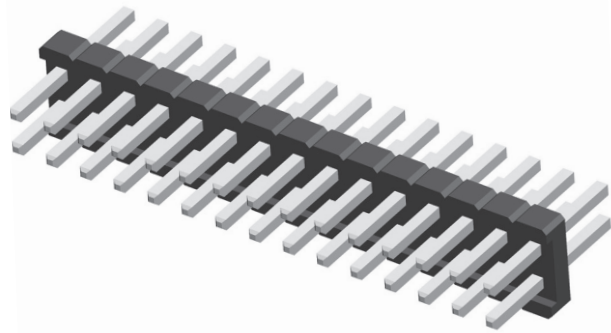
$c$ =Amount of Pins:06~A0-6~100 Pins

$d$ =Packing Option

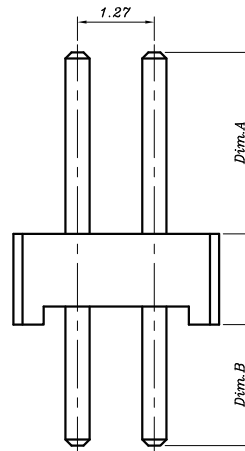
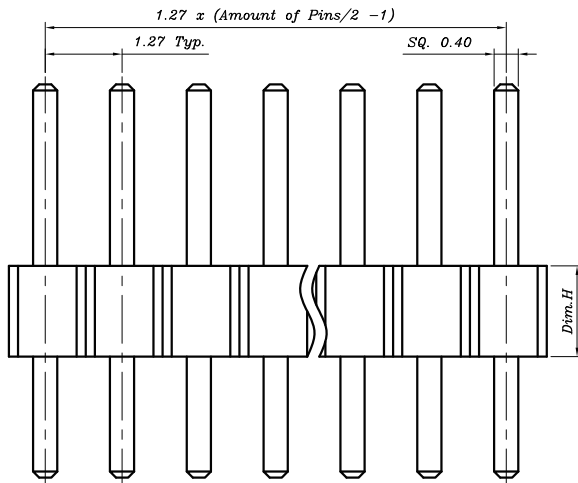
$e$ =Plating Option

\*Dim.A:3.0mm/Dim.B:2.3mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER S/T STACK TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0342  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Housing Dim.H-1.1mm,1.5mm,2.0mm,2.5mm

Pin Length(Dim.A/Dim.B/Dim.C):

Custom Length Available

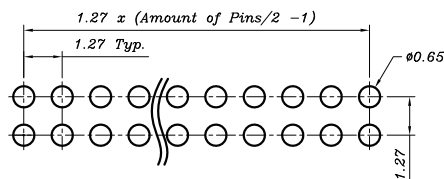
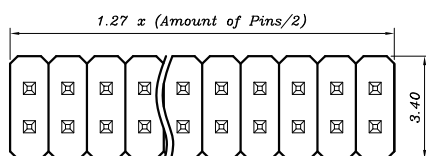
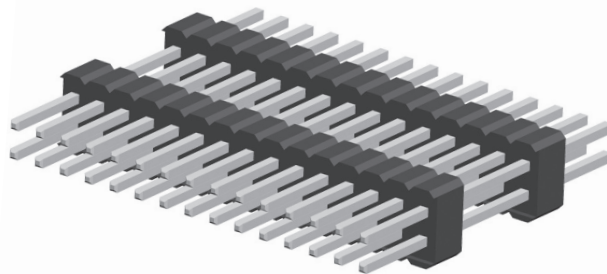
c=Amount of Pins:06~A0-6~100 Pins

d=Packing Option

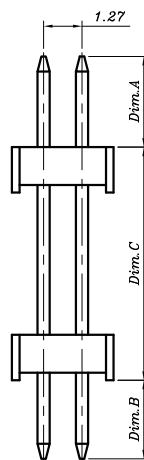
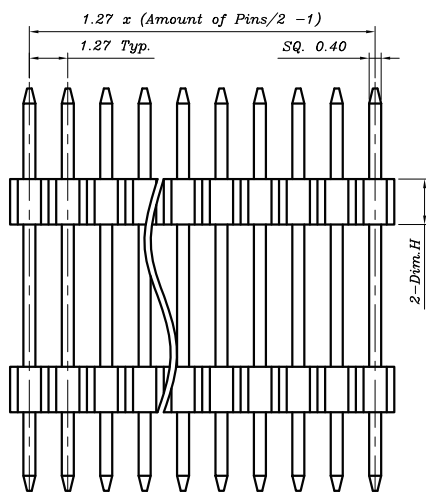
e=Plating Option

\*Dim.A:3.0mm/Dim.C:6.1mm/Dim.B:2.3mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER S/T STACK TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0345  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Housing Dim.H-1.1mm,1.5mm,1.7mm,  
2.0mm,2.5mm,3.0mm

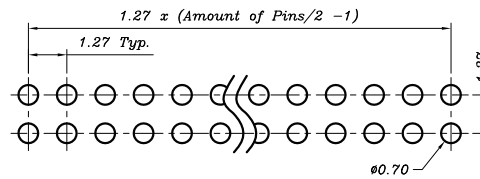
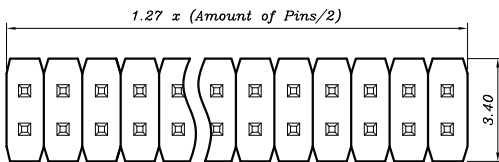
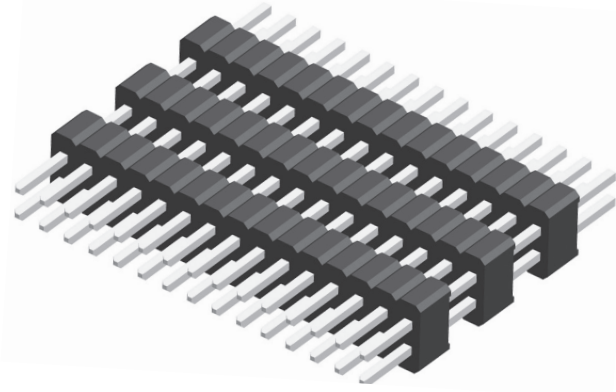
Pin Length(Dim.A/Dim.B/Dim.C):  
Custom Length Available

c=Amount of Pins:06~A0-6~100 Pins

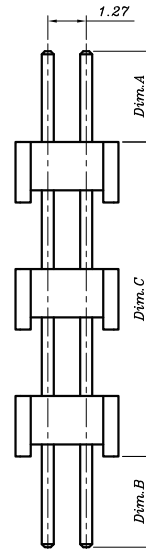
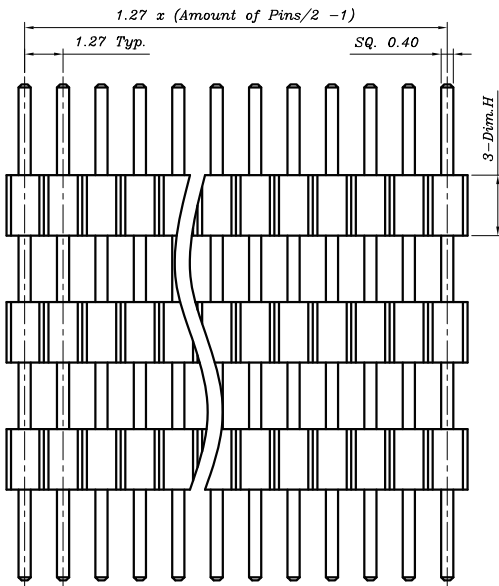
d=Packing Option

e=Plating Option

\*Dim.A:6.0mm/Dim.C:Optionnal/Dim.B:2.6mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

# 1.27mm PIN HEADER SMT TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-03  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Post Option:

5-Without Post

B-With Post

c=Type Option

Housing Dim.H-1.1mm,1.5mm,1.7mm,  
2.0mm,2.5mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

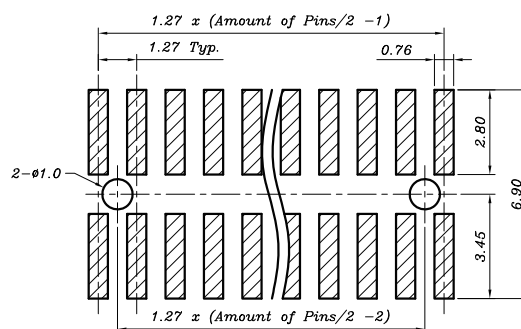
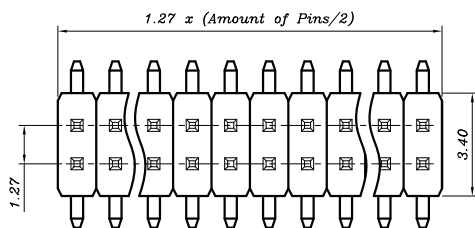
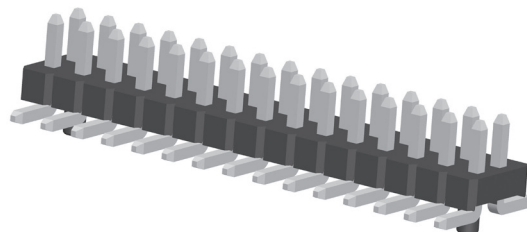
d=Amount of Pins:06~A0-6~100 Pins

e=Packing Option

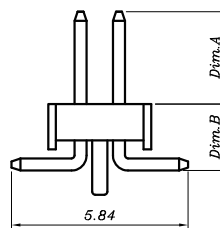
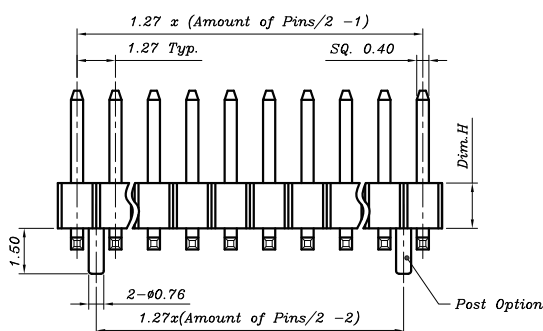
f=Plating Option

\*Dim.A:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER SMT STACK TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-03  $\frac{X}{b}$  2  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Post Option:

5-Without Post

B-With Post

$c$ =Type Option

Housing Dim.H-1.1mm,1.5mm,2.0mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

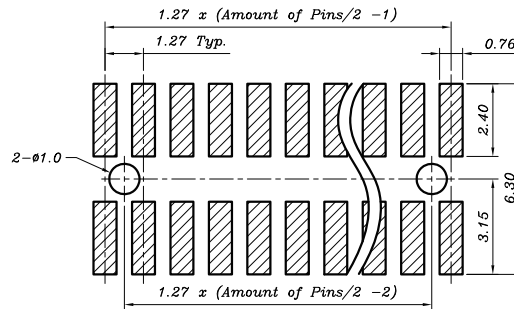
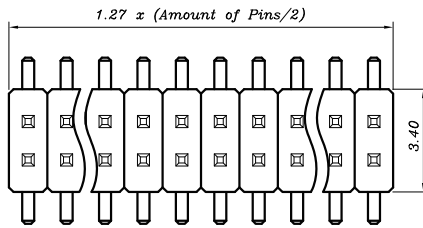
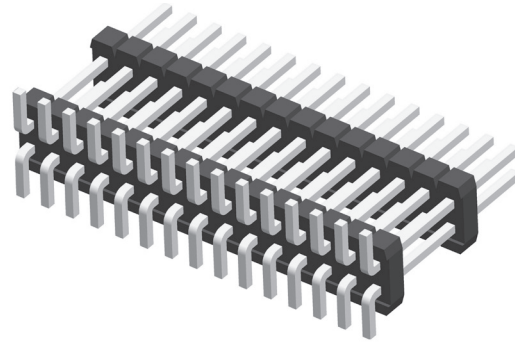
$d$ =Amount of Pins:06~A0-6~100 Pins

$e$ =Packing Option

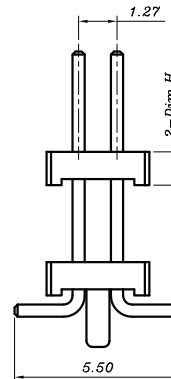
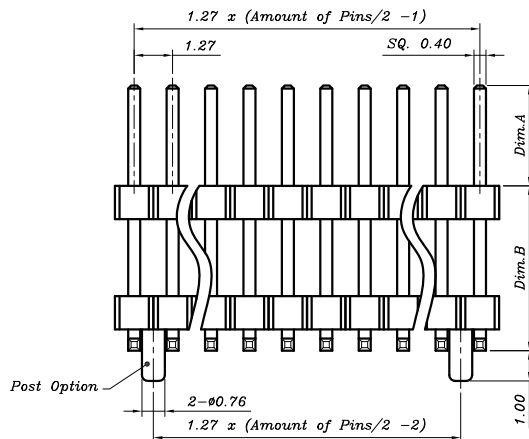
$f$ =Plating Option

\*Dim.A:3.0mm/Dim.B:2.6mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm PIN HEADER R/A TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0360  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Housing Dim.H-1.1mm,1.5mm,2.0mm,  
2.6mm

Pin Length(Dim.A/Dim.B/DimX):

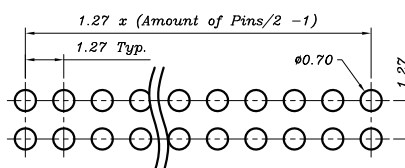
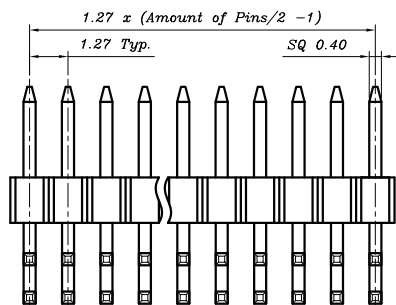
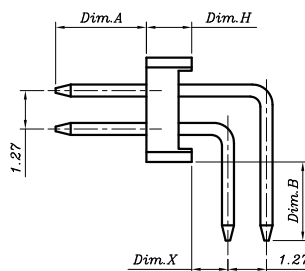
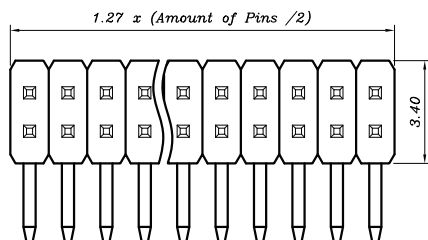
Custom Length Available

c=Amount of Pins:06~A0-6~100 Pins

d=Packing Option

e=Plating Option

\*Dim.A:3.0mm/Dim.B:2.6mm/Dim.X:1.2mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

# 1.27mm BOX HEADER S/T TYPE

## ORDER INFORMATION

$\frac{X}{a}$  P91-034B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

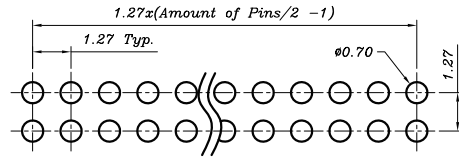
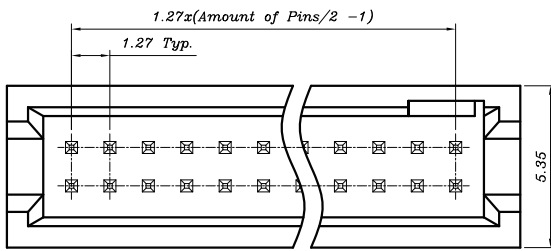
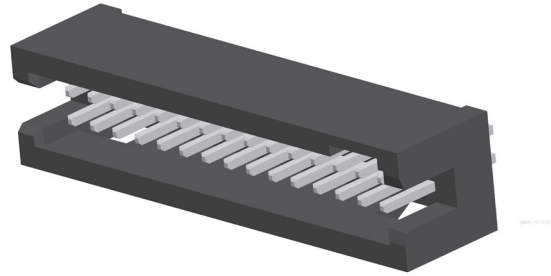
Z-RoHS(for High Temperature)

b=Type Option

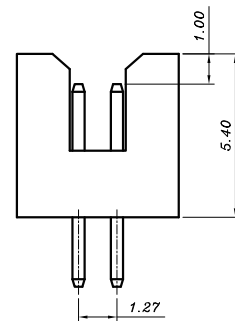
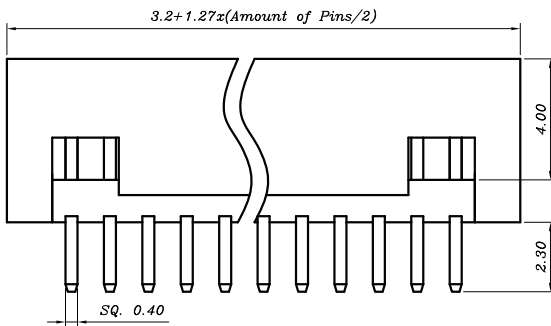
c=Amount of Pins:06~A0-6~100 Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm BOX HEADER S/T STACK TYPE

## ORDER INFORMATION

$\frac{X}{a}$  P91-034B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Pin Length(Dim.B/Dim.C):

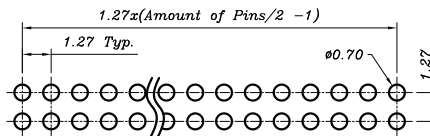
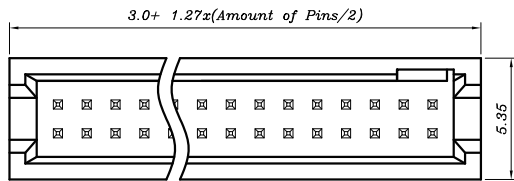
Custom Length Available

Pin Header Housing Dim.H=1.0mm,2.0mm

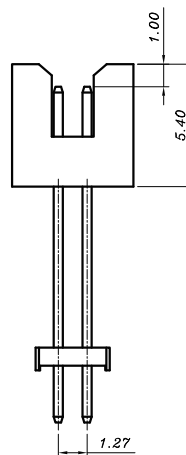
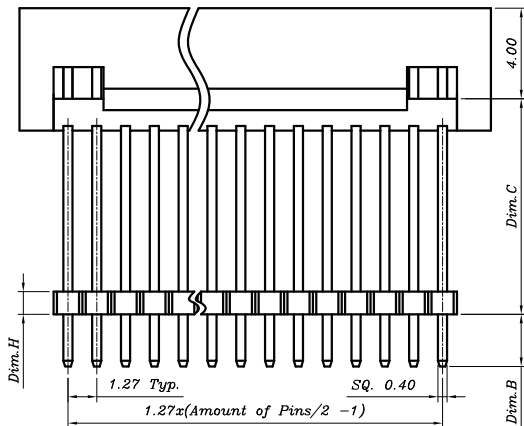
c=Amount of Pins:06~A0-6~100 Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

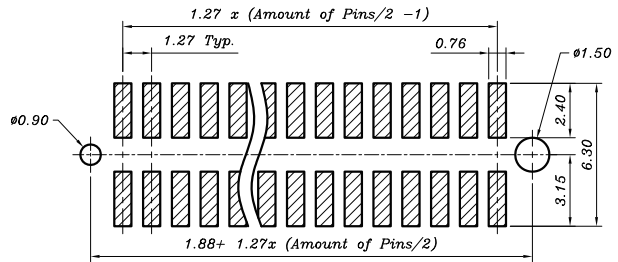
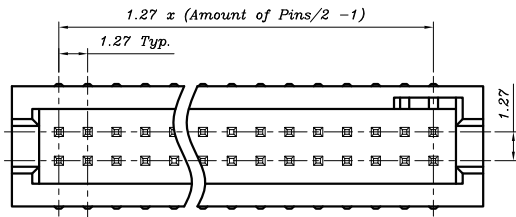
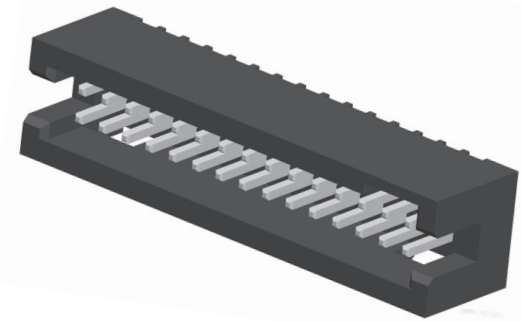
Operating Temperature : -40°C ~ 105°C

# 1.27mm BOX HEADER SMT TYPE

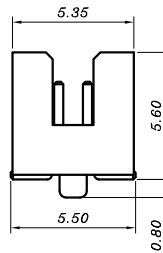
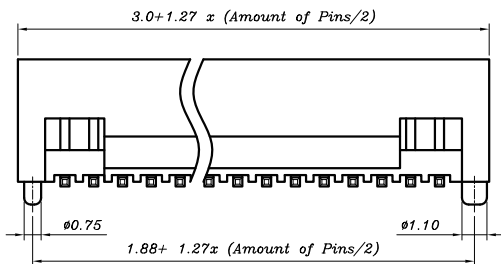
## ORDER INFORMATION

$\frac{X}{a}$  P91-03  $\frac{X}{b}$  D  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=5-Without Post  
B-With Post
- c=Type Option
- d=Amount of Pins:06~A0-6~100 Pins
- e=Packing Option
- f=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

## 1.27mm BOX HEADER SMT TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-03BB  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

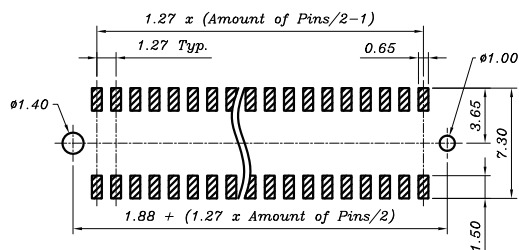
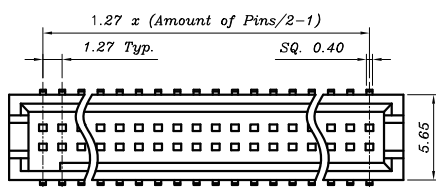
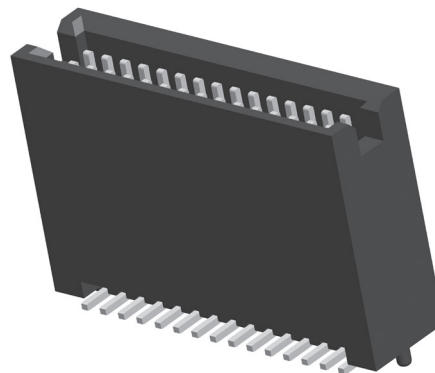
Z-RoHS(for High Temperature)

b=Type Option

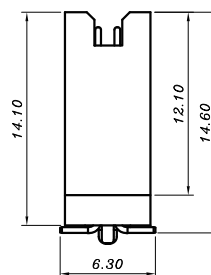
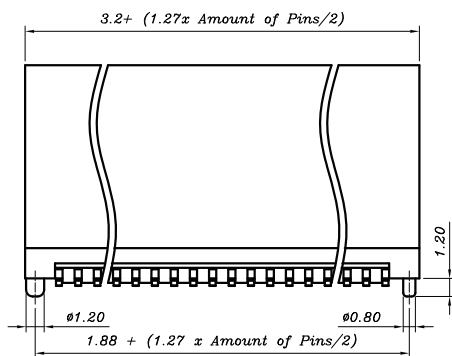
c=Amount of Pins:06~A0-6~100 Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27mm BOX HEADER SMT STACK TYPE

## ORDER INFORMATION

$\frac{X}{a}$  P91-03  $\frac{X}{b}$  B  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=5-Without Post

B-With Post

c=Type Option

Pin Length(Dim.C):

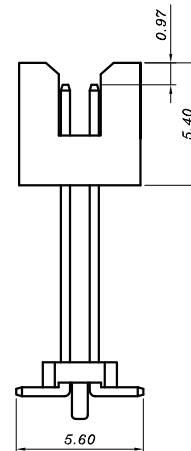
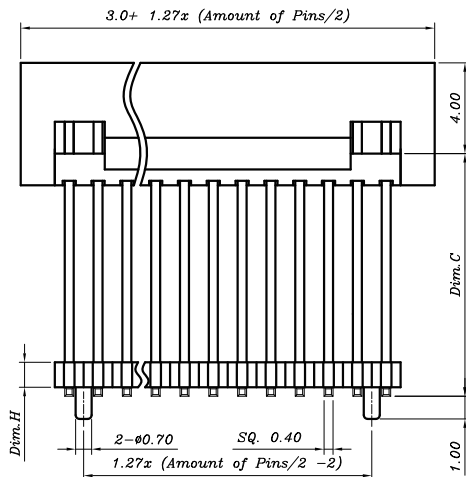
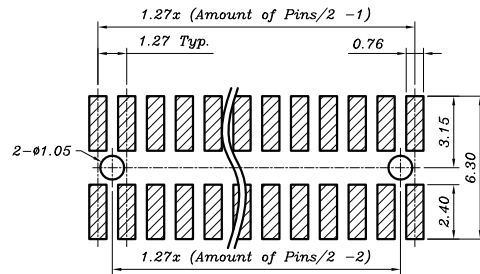
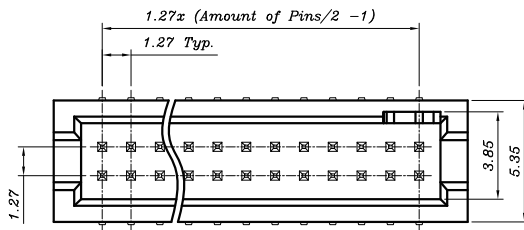
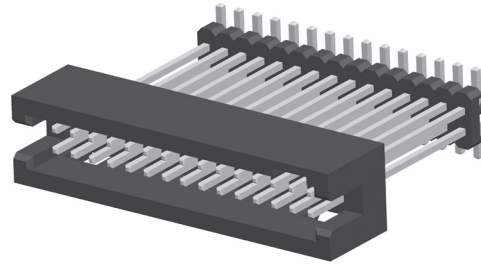
Custom Length Available

Pin Header Housing Dim.H=1.0mm,2.0mm

d=Amount of Pins:06~A0-6~100 Pins

e=Packing Option

f=Plating Option



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

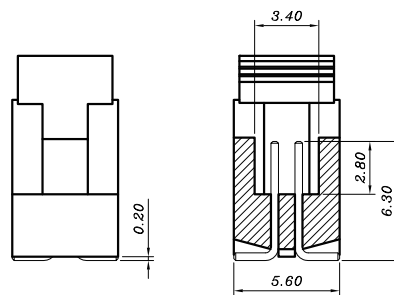
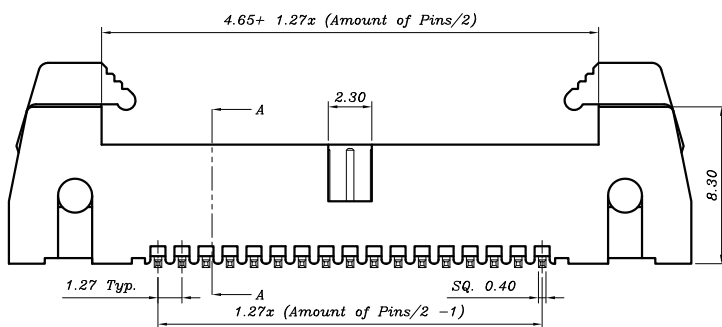
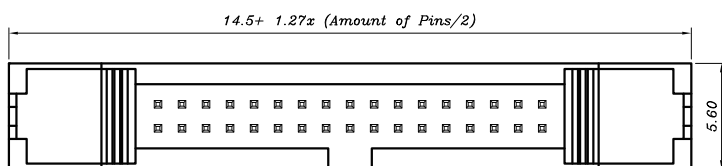
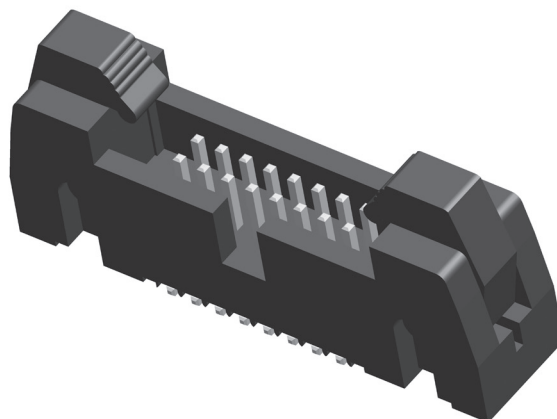
Operating Temperature : -40°C ~ 105°C

# 1.27mm FULLY LATCH HEADER SMT TYPE

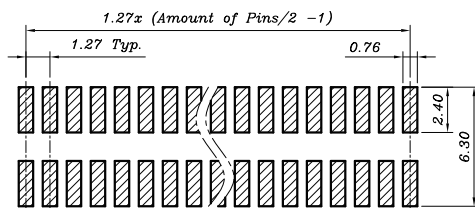
## ORDER INFORMATION

$\frac{Z}{a}$  P91-035S2-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

- a=Z-RoHS(for High Temperature)
- b=Amount of Pins-6,10,12,14,16,20,26,30,34  
40,44,50,60,64,66,68
- c=Packing Option
- d=Plating Option



A-A Section



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

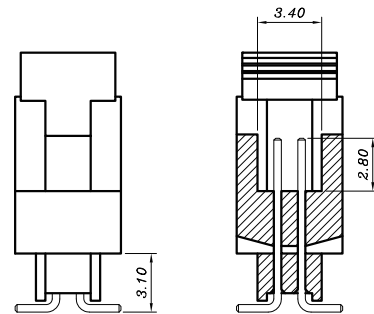
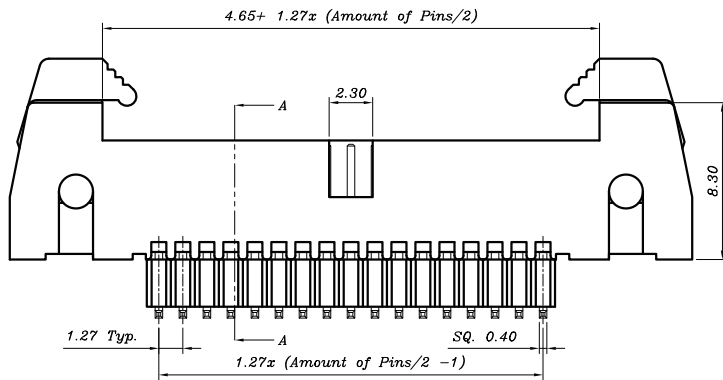
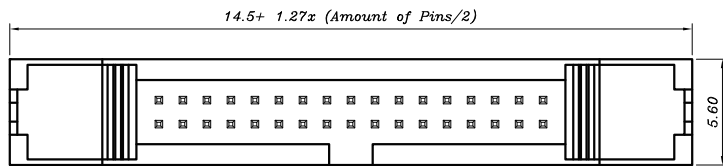
- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27mm FULLY LATCH HEADER SMT TYPE

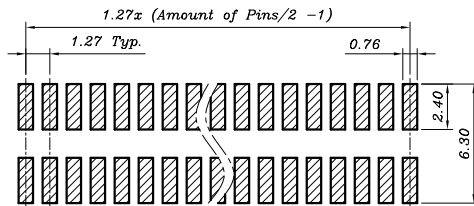
## ORDER INFORMATION

$\frac{Z}{a}$  P91-035SA-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

- $\alpha$ =Z-RoHS(for High Temperature)
- $b$ =Amount of Pins-6,10,12,14,16,20,26,30,34  
40,44,50,60,64,66,68
- $c$ =Packing Option
- $d$ =Plating Option



A-A Section



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

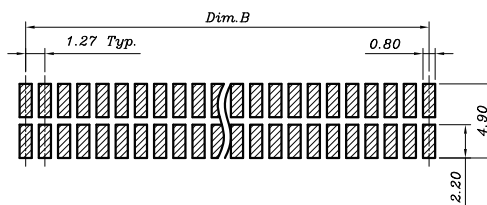
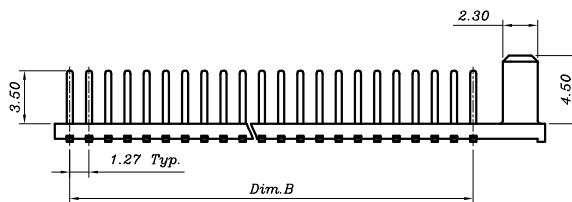
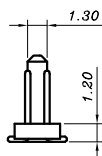
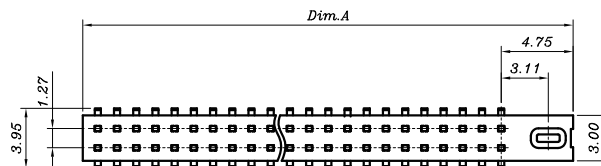
- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27mm PIN HEADER SMT TYPE

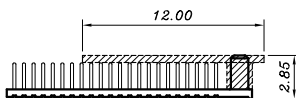
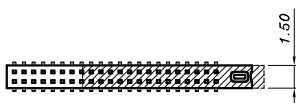
## ORDER INFORMATION

TPF1-230  $\frac{XX}{a}$  -01  $\frac{X}{b}$   $\frac{X}{c}$

$a$ =44-44Pins  
 50-50Pins  
 $b$ =Packing Option  
 $c$ =Plating Option



Recommended P.C.B. Layout  
 Layout Tolerance =  $\pm 0.05$  mm



With Cap

### Dimension Information :

P/N:	Dim.A	Dim.B
* TPF1-23044-0111	32.42	26.67
* TPF1-23050-0111	36.23	30.48

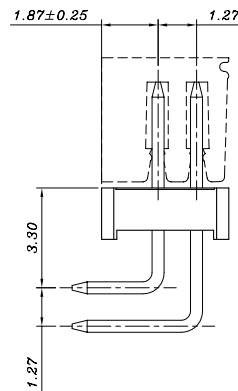
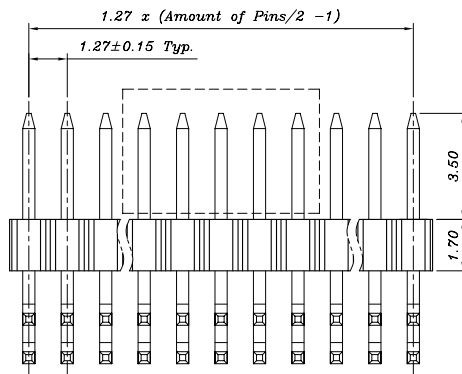
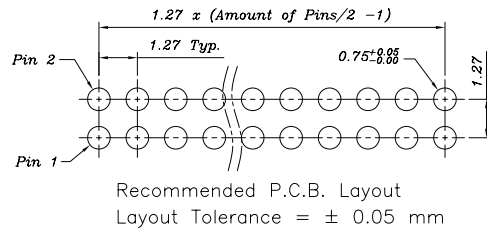
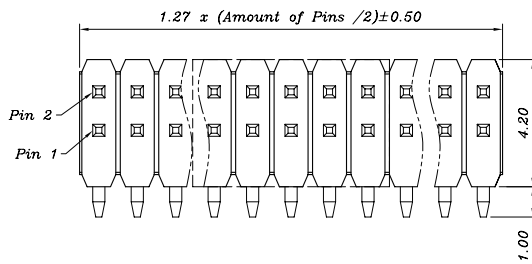
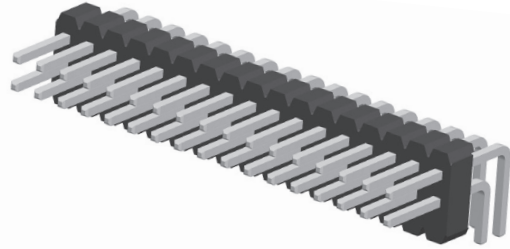
\*Mass Production

# 1.27mm PINDER HEADER R/A DIP

## ORDER INFORMATION

TPF1-330  $\frac{XX}{a}$ - 01  $\frac{X}{b}$   $\frac{X}{c}$

$\alpha$ =Amount of Pins:06~A0-6~100 Pins  
 $b$ =Packing Option  
 $c$ =Plating Option



## SPECIFICATION

Current Rating : 1A  
 Dielectric Withstanding : AC 500V  
 Operating Temperature : -40° C ~ 105° C

# 1.27x2.54mm FEMALE HEADER SMT TYPE DUAL ROW BASE 5.8mm

## ORDER INFORMATION

$\frac{TPS0-2}{a} \frac{X}{b} \frac{0}{c} \frac{XX}{c} -01 \frac{X}{d} \frac{X}{e}$

$a$ =T-RoHS(for High Temperature)

$b$ =1-With Post

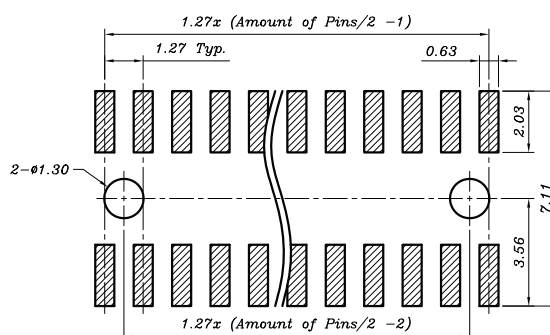
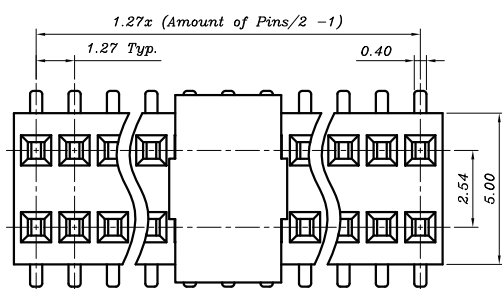
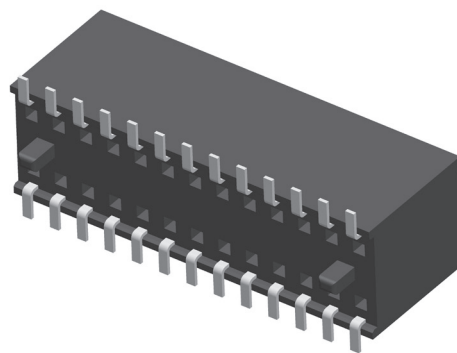
2-Without Post

$c$ =Amount of Pins:

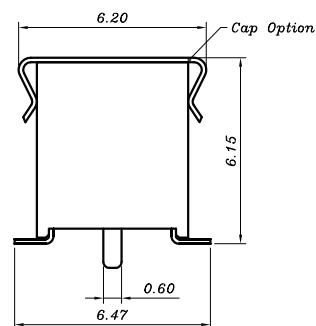
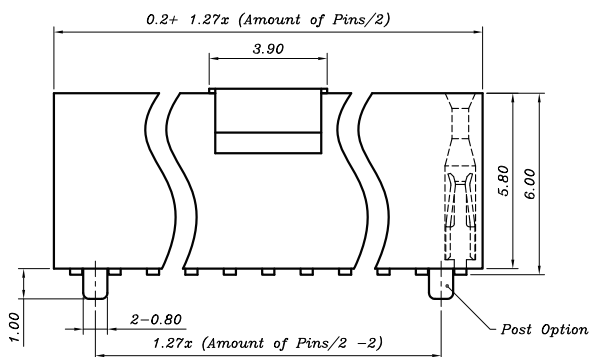
06,22,24,26,60-6,22,24,26,60Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

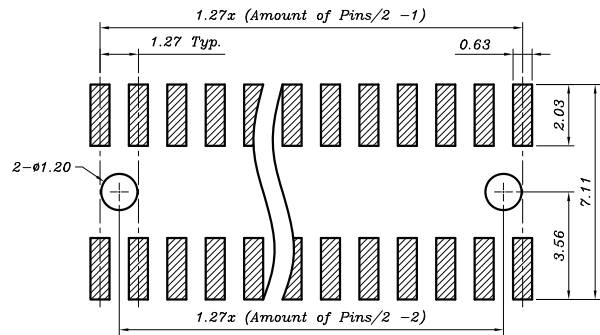
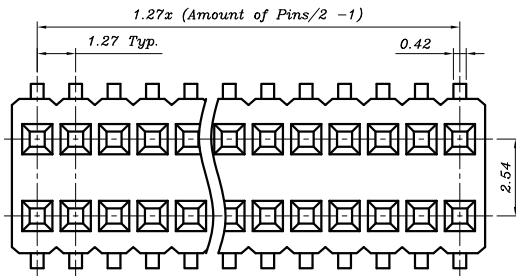
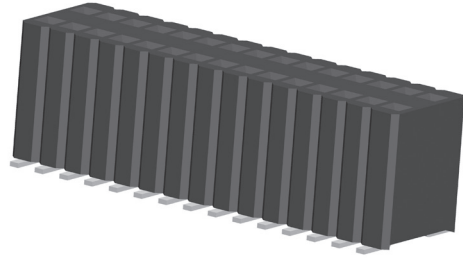
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

**1.27x2.54mm SOCKET SMT TYPE DUAL ROW**

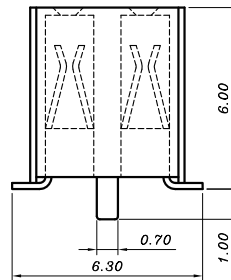
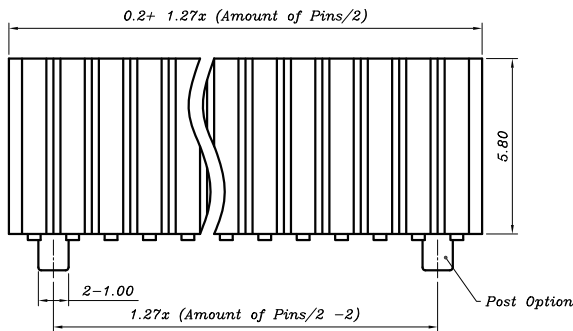
**ORDER INFORMATION**

$\frac{X}{a}$  P90-07  $\frac{X}{b}$  01-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=5-Without Post  
B-With Post
- c=Amount of Pins:06~A0-6~100Pins
- d=Packing Option
- e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



**SPECIFICATION**

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27x2.54mm IDC SOCKET

## ORDER INFORMATION

$\frac{YI90-104}{a} \frac{X}{b} \frac{X}{c} - \frac{XX}{d} \frac{X}{e} \frac{X}{f}$

$a$ =Y-RoHS

$b$ =Bump Option / Terminal Material:

1-With Bump / Brass

2-With Bump / Phosphor Bronze

3-Without Bump / Brass

4-Without Bump / Phosphor Bronze

$c$ =Strain Relief Option:

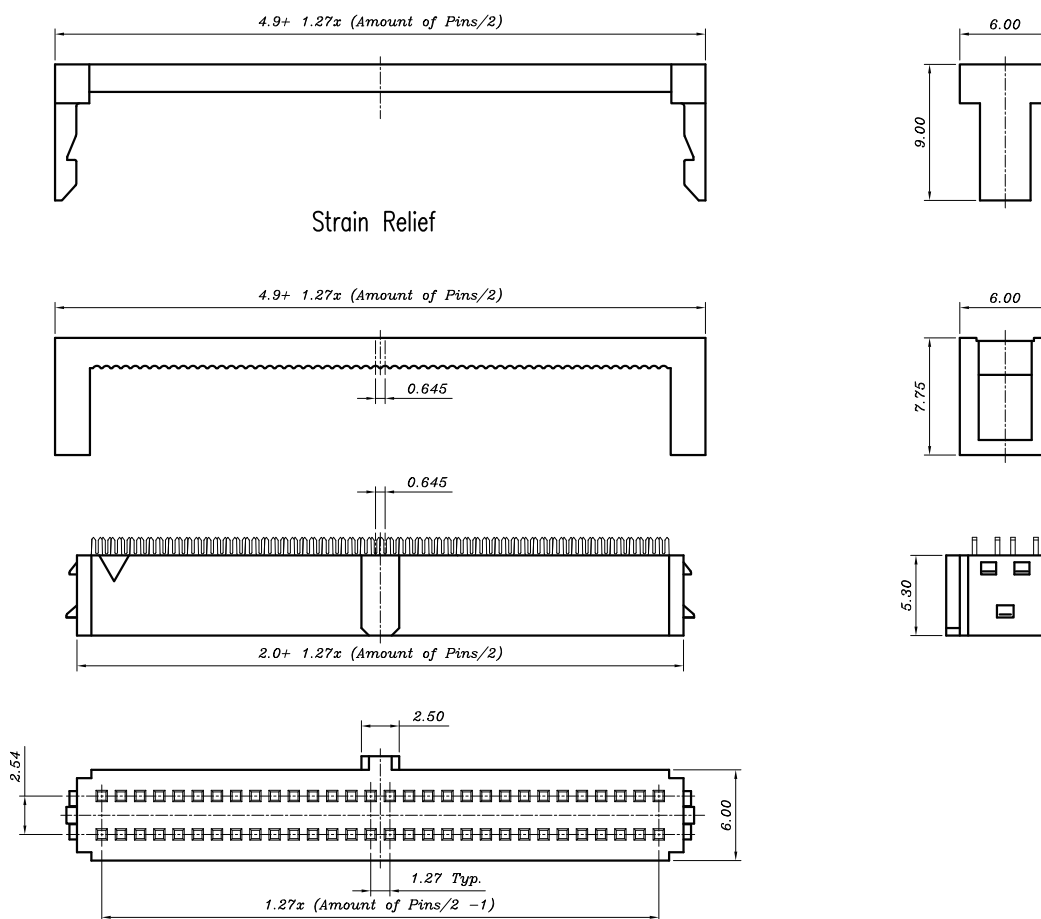
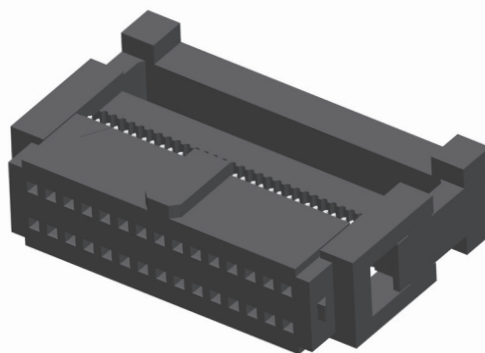
1-Without Strain Relief

2-With Strain Relief

$d$ =Amount of Pins-10,14,16,20,26,30,34  
40,50,60,68,80,A0

$e$ =Packing Option

$f$ =Plating Option



## SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27x2.54mm PIN HEADER S/T TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0740  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Housing Dim.H-1.7mm;2.5mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

$c$ =Amount of Pins:06~A0-6~100 Pins

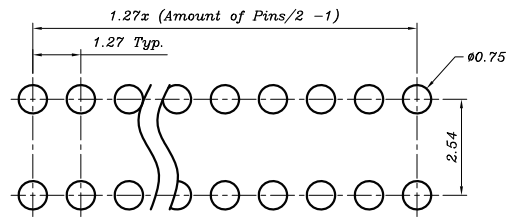
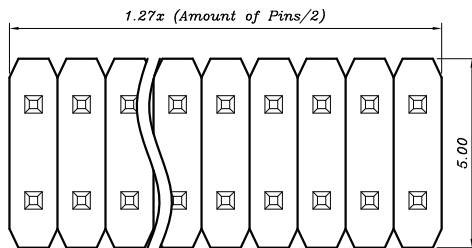
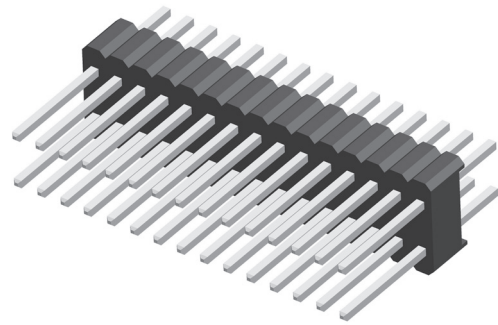
$d$ =Packing Option

$e$ =Plating Option

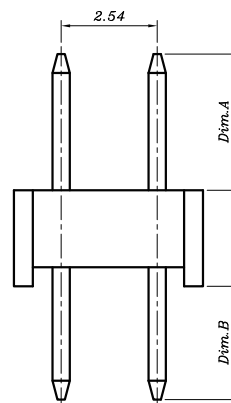
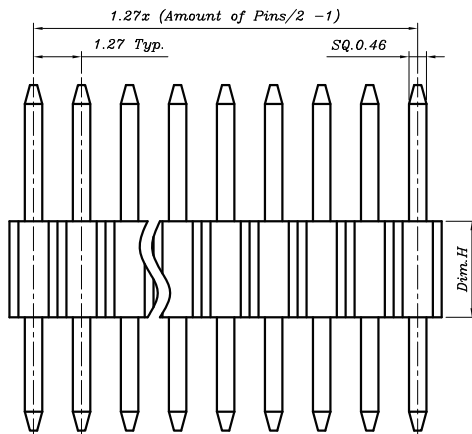
\*Dim.A:2.8mm/Dim.B:2.6mm

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27x2.54mm PIN HEADER S/T STACK TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0742  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Housing Dim.H-1.7mm,2.5mm

Pin Length(Dim.A/Dim.B/Dim.C):

Custom Length Available

c=Amount of Pins:06~A0-6~100 Pins

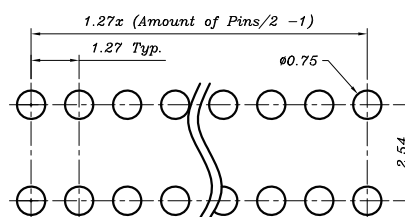
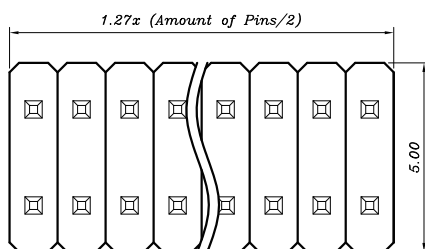
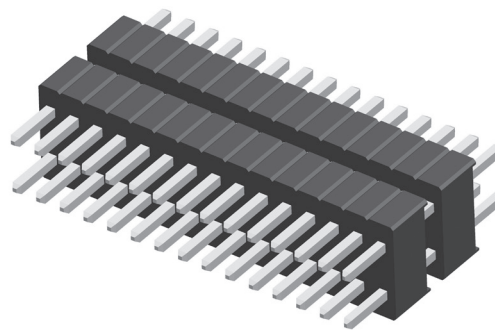
d=Packing Option

e=Plating Option

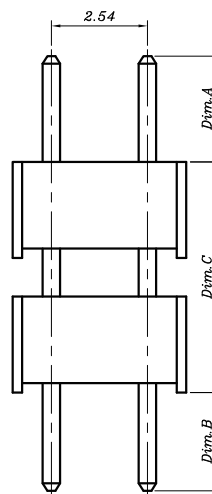
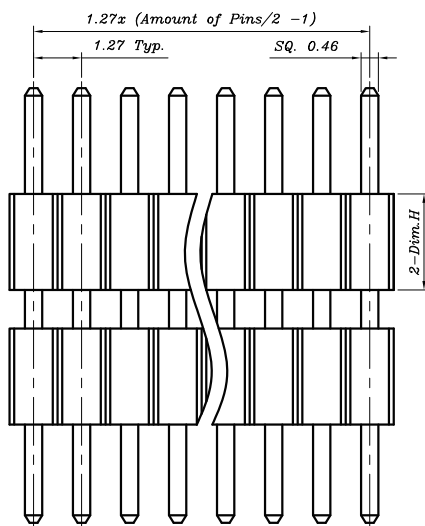
\*Dim.A:2.8mm/Dim.C:6.1mm/Dim.B:2.6mm

\*Dim.A:6.0mm/Dim.C:6.1mm/Dim.B:2.6mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27x2.54mm PIN HEADER SMT TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0750  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Housing Dim.H-1.7mm,2.5mm

Pin Length(Dim.A/Dim.W):

Custom Length Available

$c$ =Amount of Pins:06~A0-6~100 Pins

$d$ =Packing Option

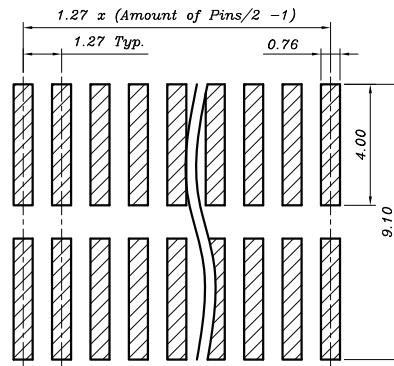
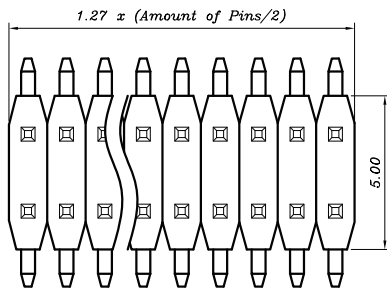
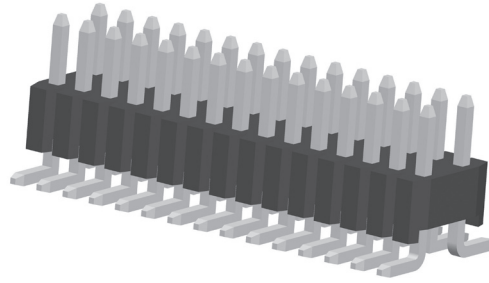
$e$ =Plating Option

\*Dim.A:2.8mm/Dim.W:7.54mm

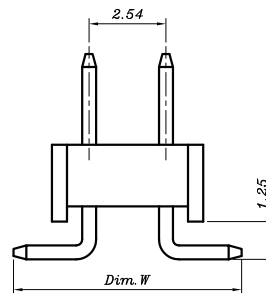
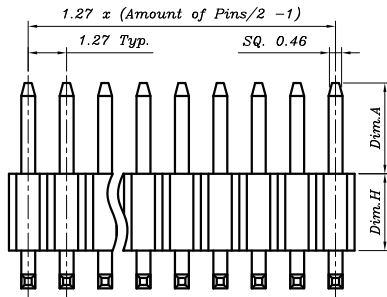
\*Dim.A:3.0mm/Dim.W:7.54mm

\*Dim.A:6.0mm/Dim.W:7.54mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

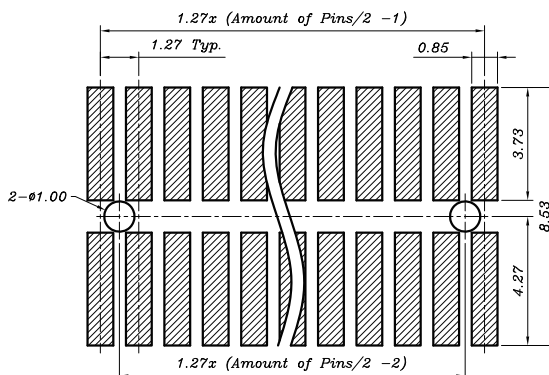
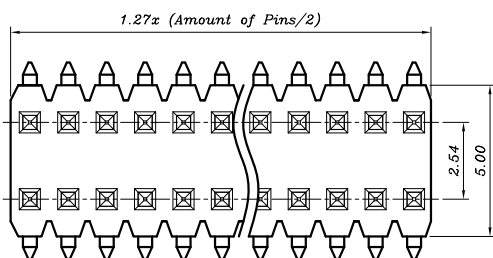
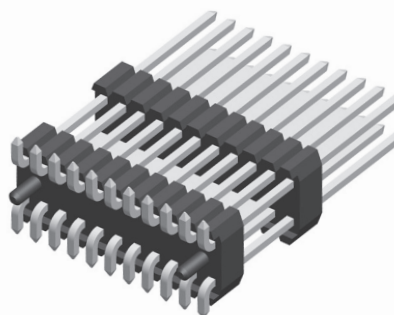
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 1.27x2.54mm PIN HEADER SMT STACK TYPE DUAL ROW W/POST

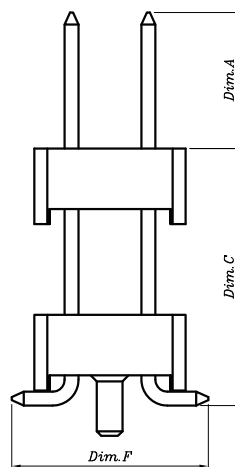
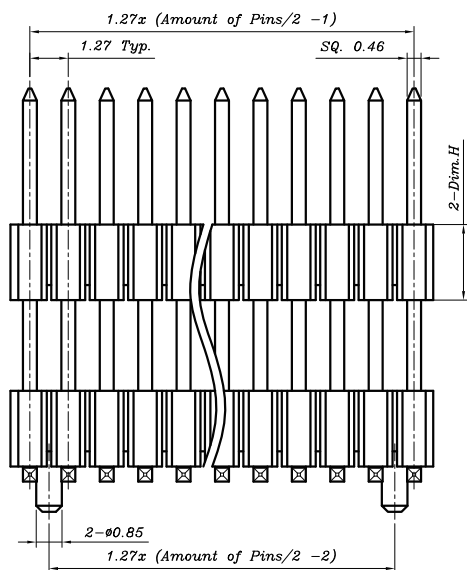
## ORDER INFORMATION

$\frac{TPS1-220}{a} \frac{XX}{b} - \frac{XX}{c} \frac{X}{d} \frac{X}{e}$

- a=T-RoHS(for High Temperature)
- b=Amount of Pins:06,22-6,22Pins
- c=Type Option  
Housing Dim.H-2.5mm,2.54mm,3.0mm
- Pin Length(Dim.A/Dim.C/Dim.F):  
Custom Length Available
- d=Packing Option
- e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

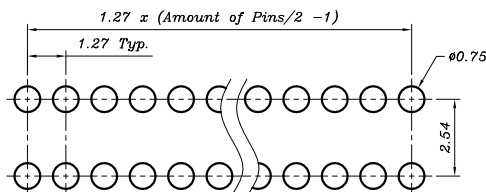
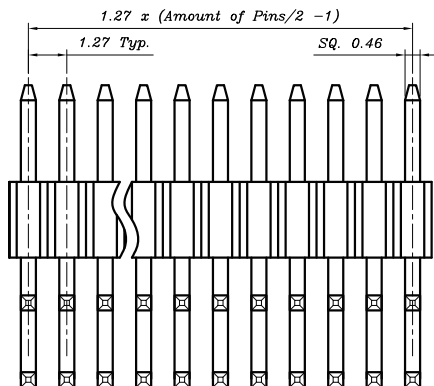
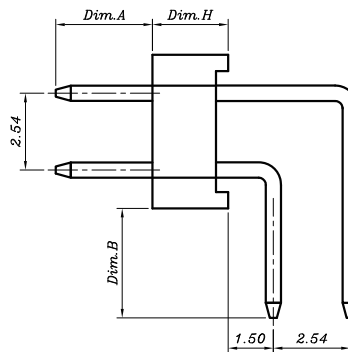
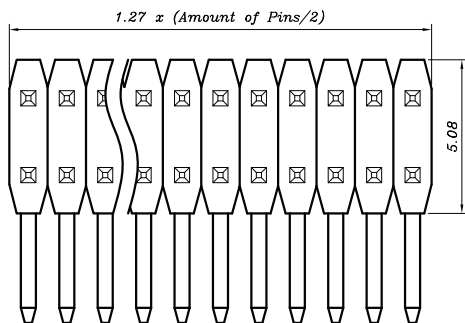
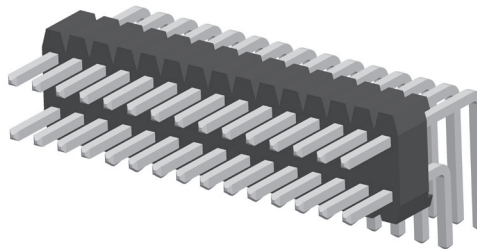
# 1.27x2.54mm PIN HEADER R/A TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0760  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=Type Option  
Housing Dim.H-2.5mm  
Pin Length(Dim.A/Dim.B):  
Custom Length Available
- c=Amount of Pins:06~A0-6~100 Pins
- d=Packing Option
- e=Plating Option

\*Dim.A:3.2mm/Dim.B:2.6mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

## SPECIFICATION

- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

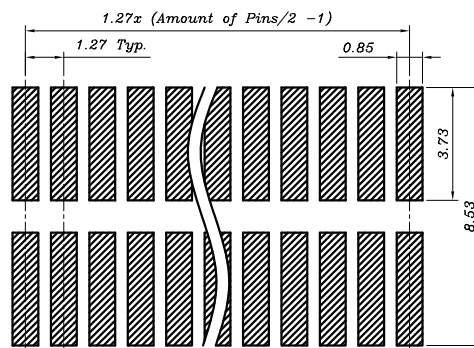
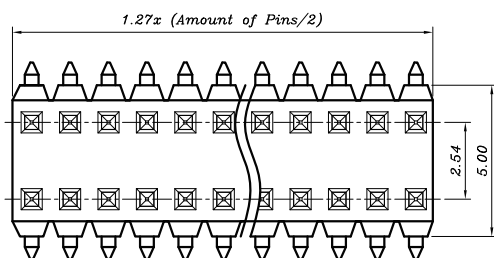
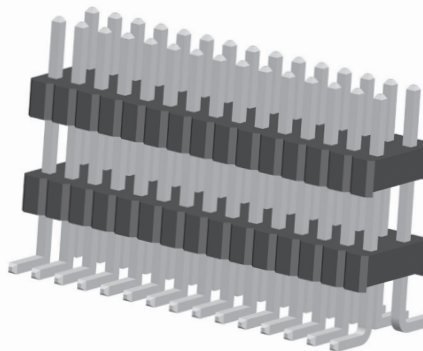
# 1.27x2.54mm PIN HEADER SMT STACK TYPE DUAL ROW W/O POST

## ORDER INFORMATION

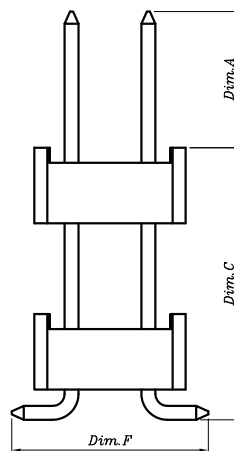
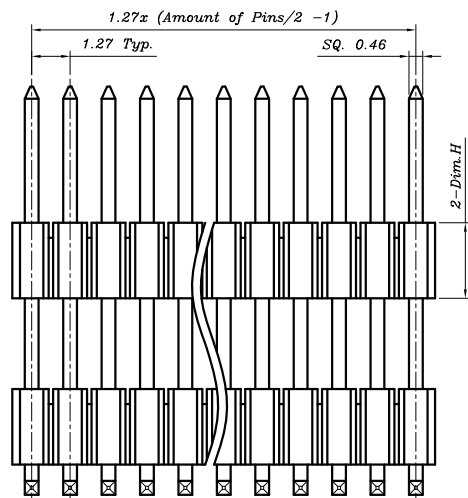
$\frac{TPS1-230}{a} \frac{XX}{b} - \frac{XX}{c} \frac{X}{d} \frac{X}{e}$

- a=T-RoHS(for High Temperature)
- b=Amount of Pins:06,22-6,22Pins
- c=Type Option
  - Housing Dim.H-2.5mm
  - Pin Length(Dim.A/Dim.C/Dim.F):  
Custom Length Available
- d=Packing Option
- e=Plating Option

\* Dim.A:4.50mm/Dim.C:9.0mm/Dim F:6.50mm



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

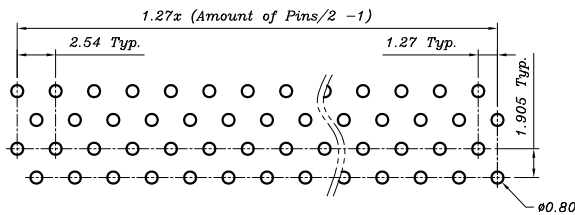
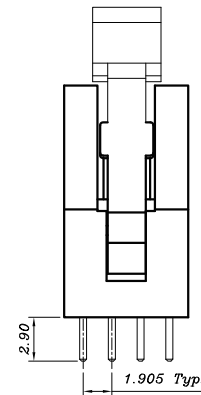
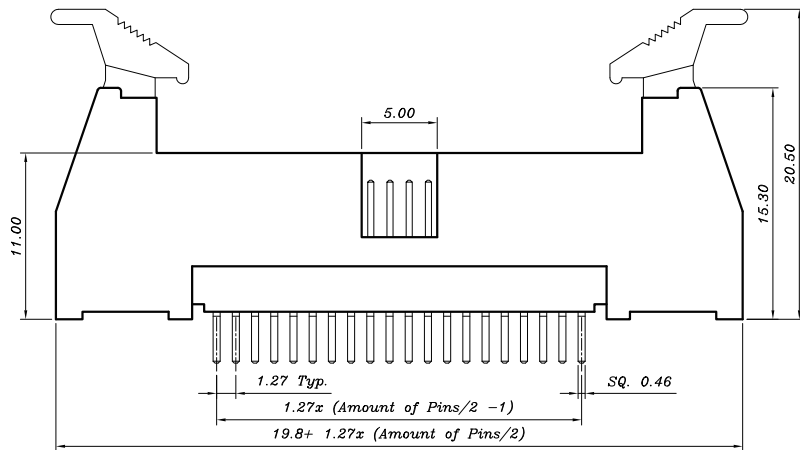
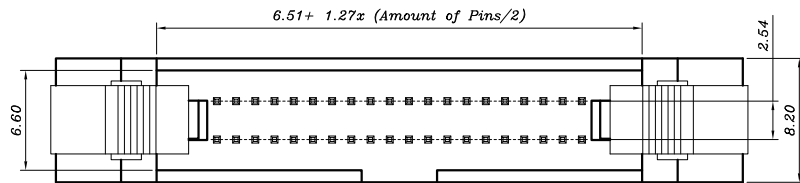
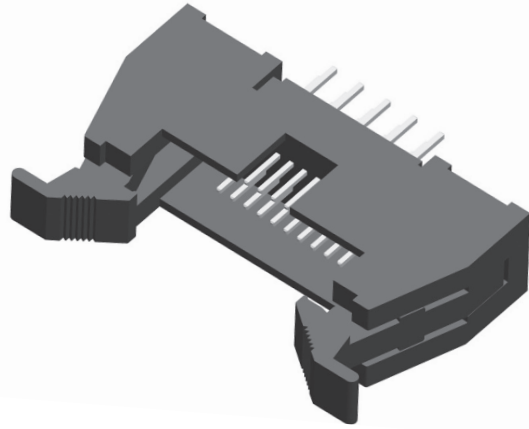
- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27mm FEMALE HEADER S/T TYPE BASE 3.4/4.3mm

## ORDER INFORMATION

$\frac{YP91-074S3-XX\ X\ X}{a} \quad \frac{XX\ X\ X}{b\ c\ d}$

- a=Y-RoHS
- b=Amount of Pins-16,20,40,44,60,80,A0
- c=Packing Option
- d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 1.27x2.54mm SHROUD HEADER R/A TYPE

## ORDER INFORMATION

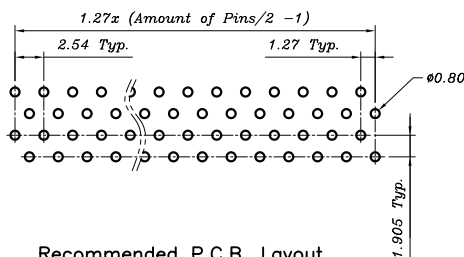
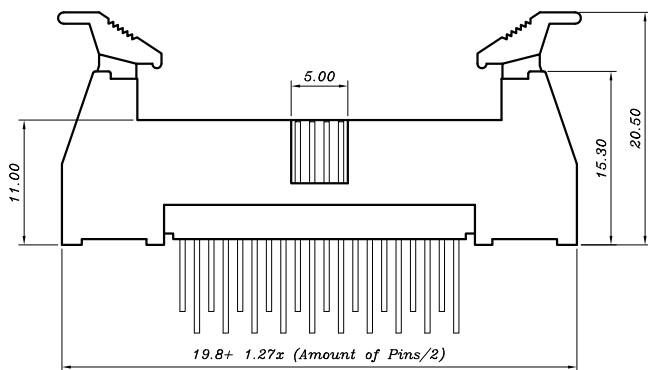
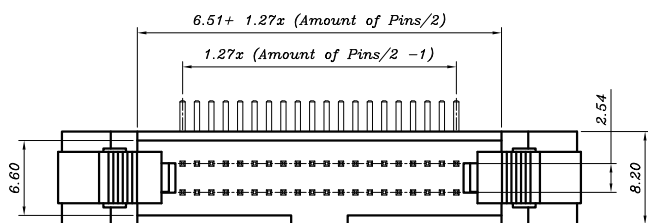
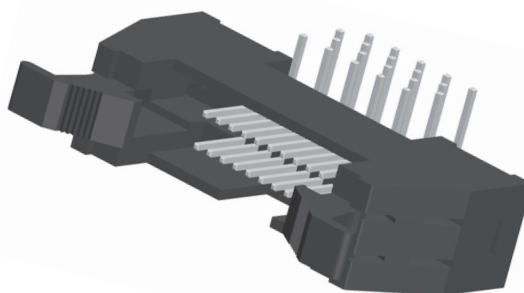
YP91-076S3-  $\frac{XX}{b} \frac{X}{c} \frac{X}{d}$

a=Y-RoHS

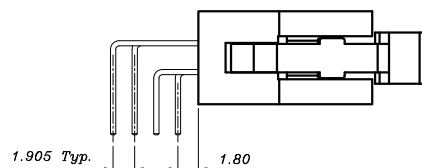
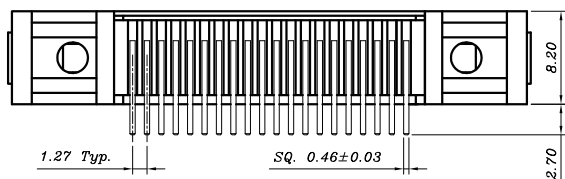
b=Amount of Pins-16,20,40,44,60,80,A0

c=Packing Option

d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.0mm FEMALE HEADER S/T TYPE SINGLE ROW BASE 4.3mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-0211  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

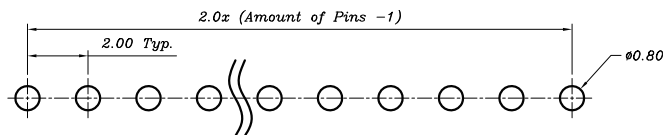
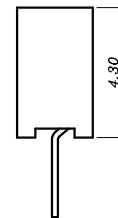
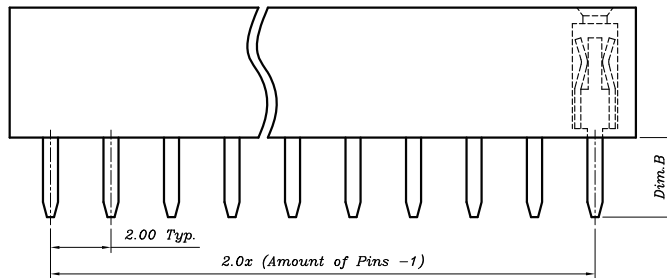
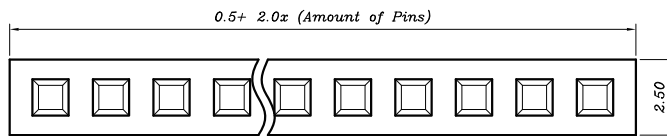
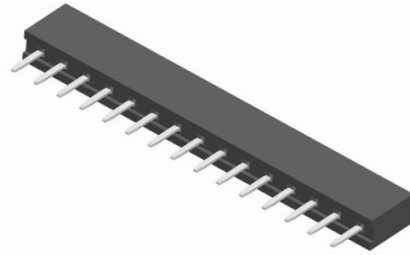
$b$ =Type Option

Pin Length(Dim.B):2.63mm

$c$ =03~40-3~40Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER SMT TYPE SINGLE ROW BASE 4.3mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-0220  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

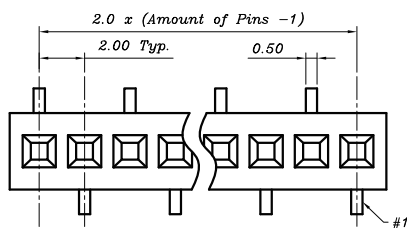
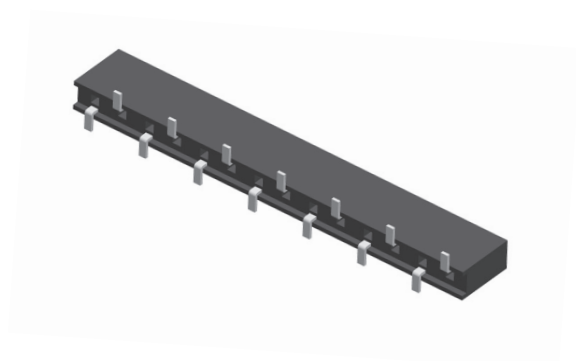
b=Type Option

Type A / Type B

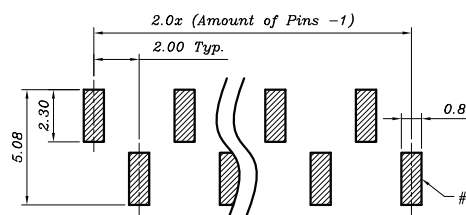
c=03~40-3~40Pins

d=Packing Option

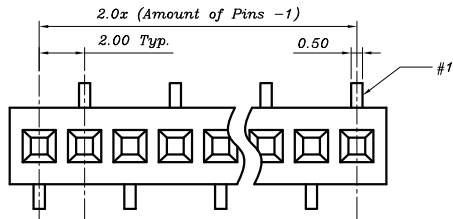
e=Plating Option



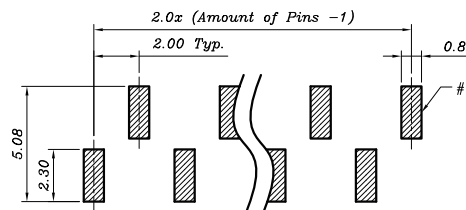
Type A



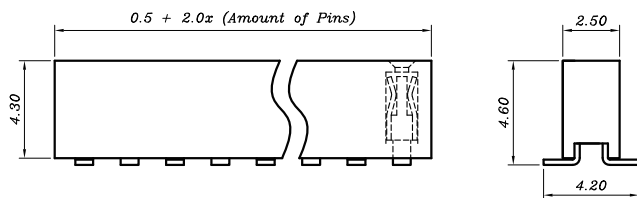
Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



Type B



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.0mm FEMALE HEADER R/A TYPE SINGLE ROW BASE 4.3mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-0230  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

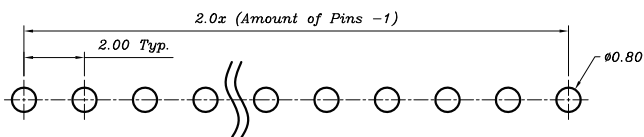
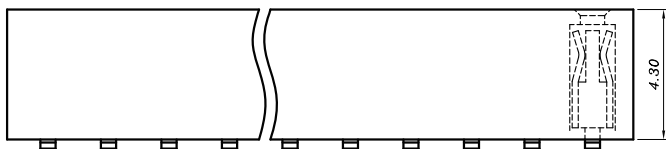
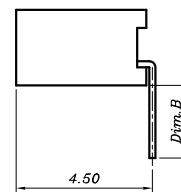
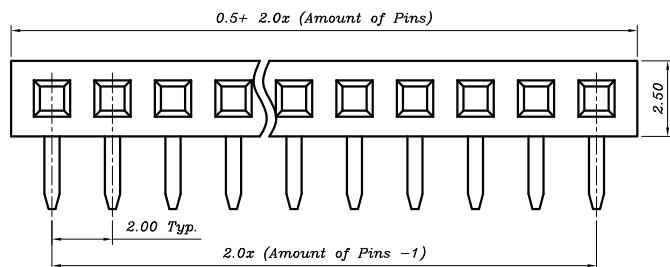
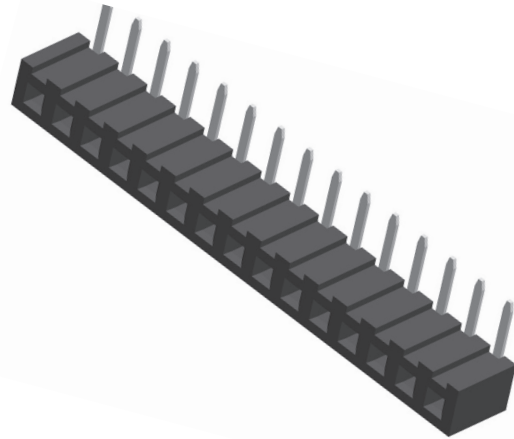
$b$ =Type Option

Pin Length(Dim.B):2.4mm

$c$ =03~25-3~25Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER S/T TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-0240  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

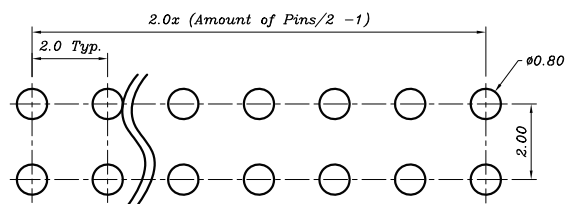
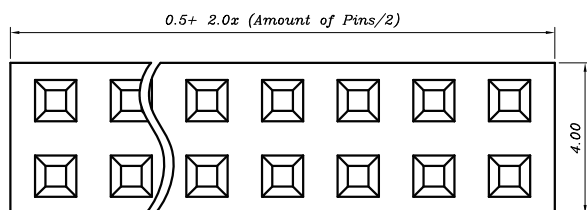
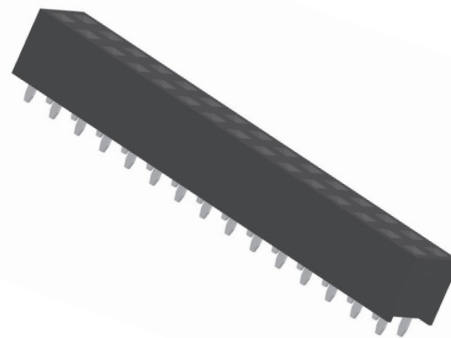
Housing (Dim.H):4.0mm,4.3mm

Pin Length(Dim.B):1.2mm,1.4mm,2.0mm,2.4mm

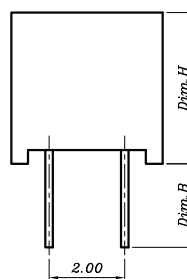
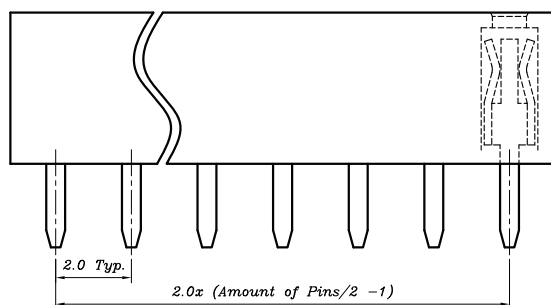
$c$ =06~64-6~64Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER S/T TYPE DUAL ROW DUAL ENTRY

### ORDER INFORMATION

$\frac{X}{a}$  P90-0245  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option (Dim.B/Dim.W):

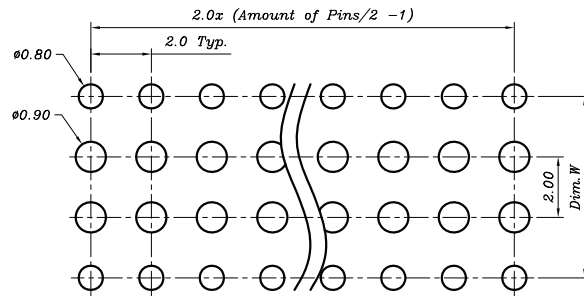
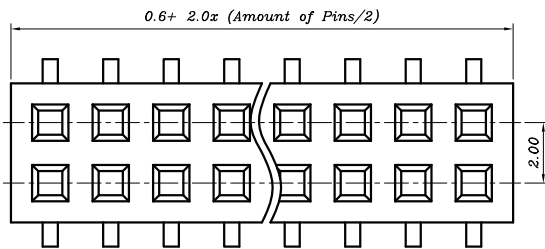
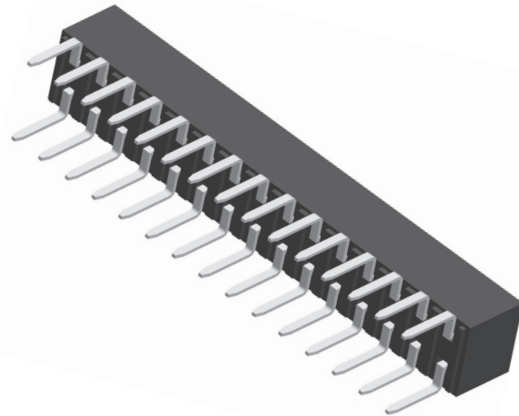
0-3.4mm/5.0mm

1-3.0mm/6.0mm

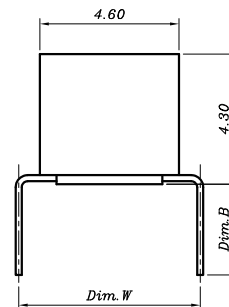
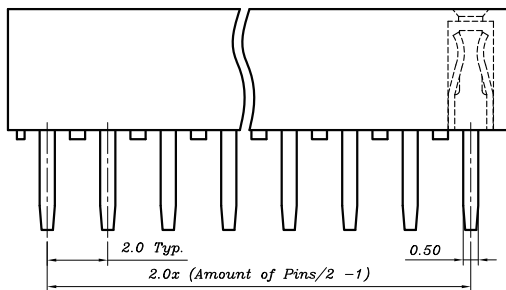
$c$ =06~80-6~80Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.0mm FEMALE HEADER SMT TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-02  $\frac{X}{b}$  02-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

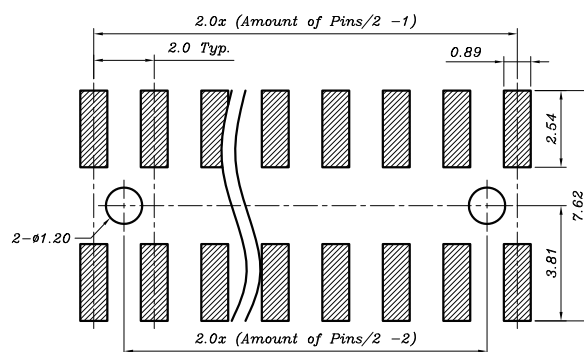
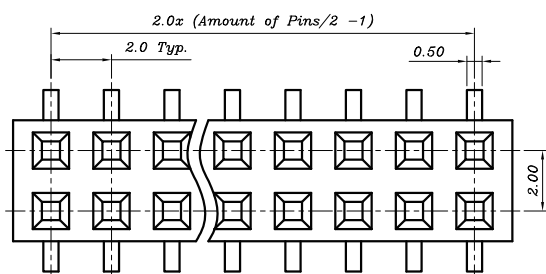
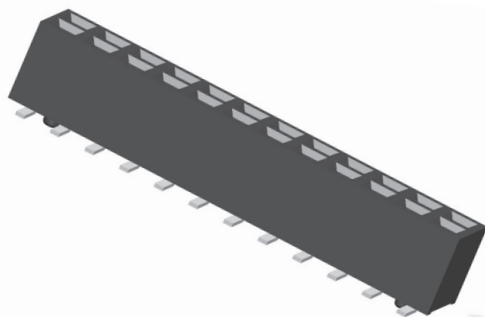
b=5-Without Post

B-With Post

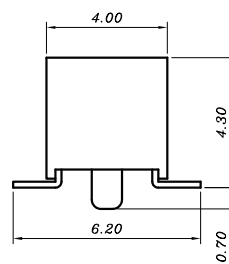
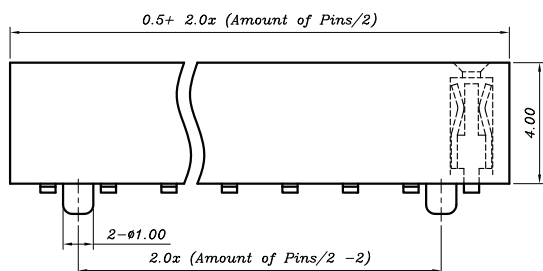
c=06~60-6~60Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

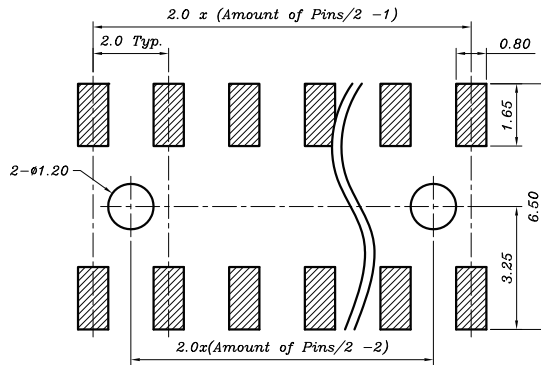
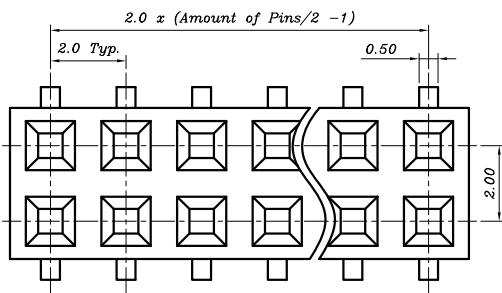
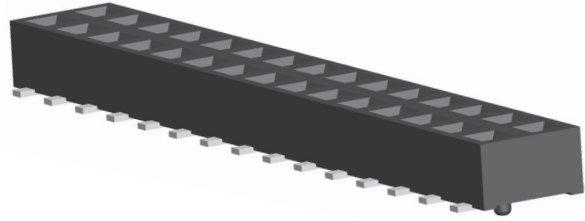
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER SMT TYPE DUAL ROW TOP ENTRY

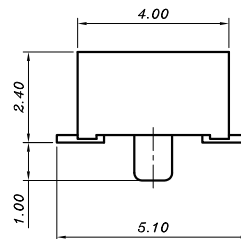
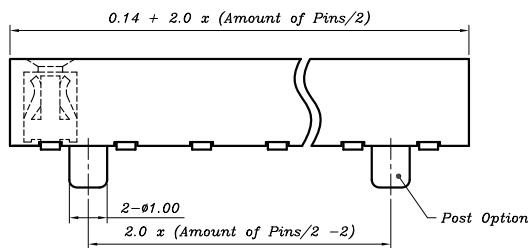
### ORDER INFORMATION

$\frac{X}{a}$  P90-02  $\frac{X}{b}$  11-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=5-Without Post  
B-With Post
- c=10~60-10~60Pins
- d=Packing Option
- e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

# 2.0mm FEMALE HEADER SMT TYPE DUAL ROW BOTTOM ENTRY

## ORDER INFORMATION

$\frac{X}{a}$  P90-02  $\frac{X}{b}$  15-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

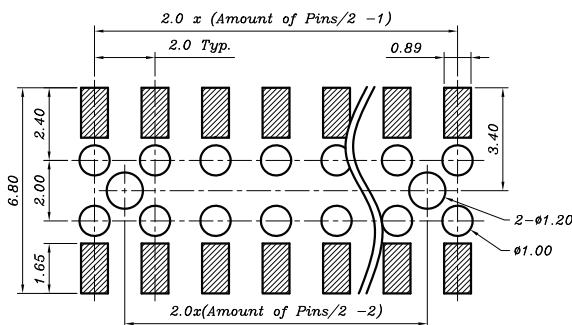
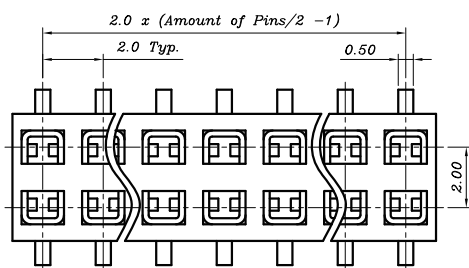
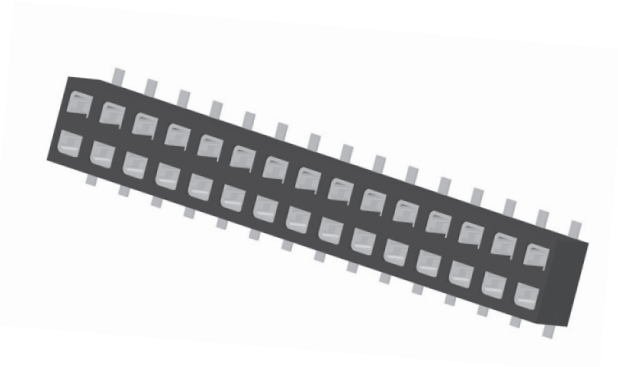
b=5-Without Post

B-With Post

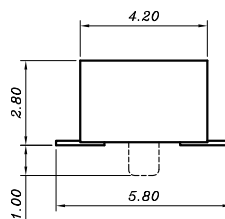
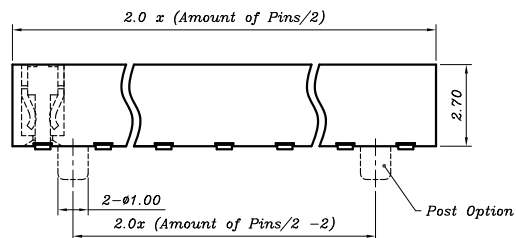
c=06~62-6~62Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.0mm FEMALE HEADER R/A TYPE DUAL ROW SIDE ENTRY

### ORDER INFORMATION

$\frac{X}{a}$  P90-0260A-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

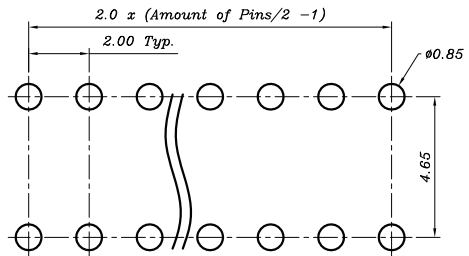
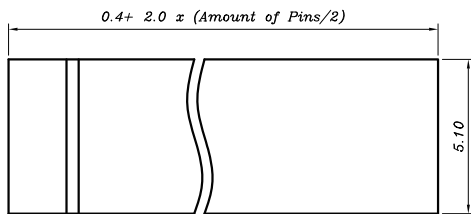
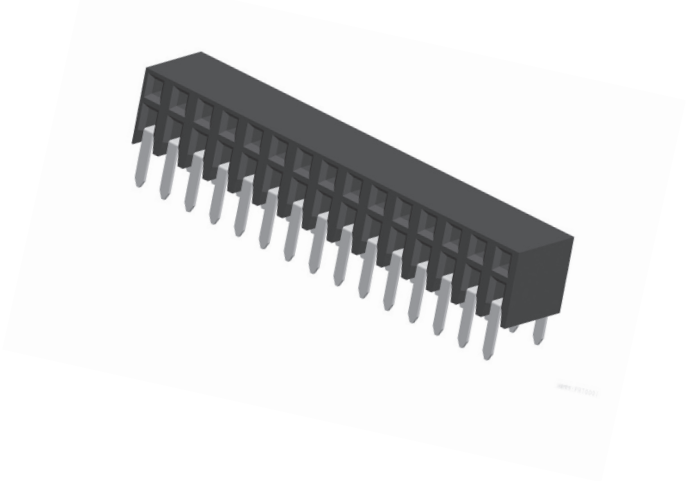
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

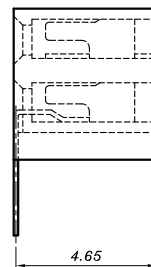
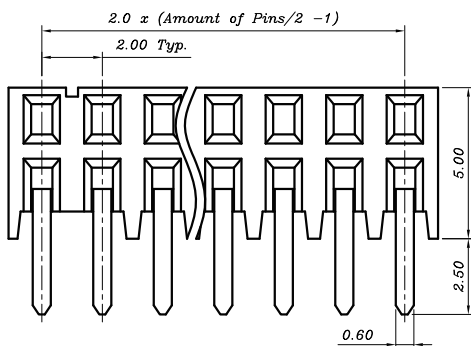
$b$ =06~50-6~50Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER SMT TYPE DUAL ROW SIDE ENTRY

### ORDER INFORMATION

$\frac{X}{a}$  P90-0260B-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

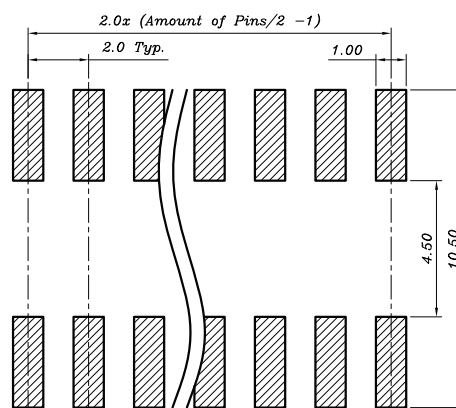
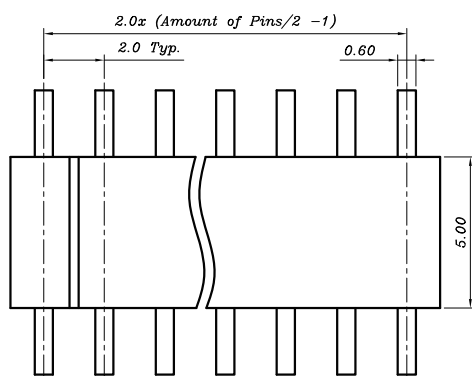
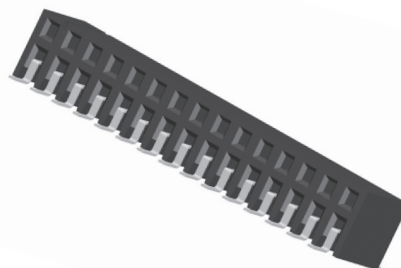
a=Y-RoHS

Z-RoHS(for High Temperature)

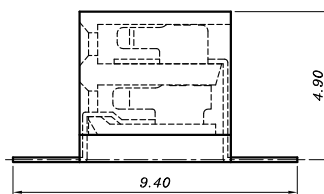
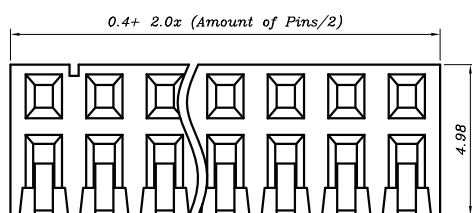
b=06~50-6~50Pins

c=Packing Option

d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER R/A TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-02621-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

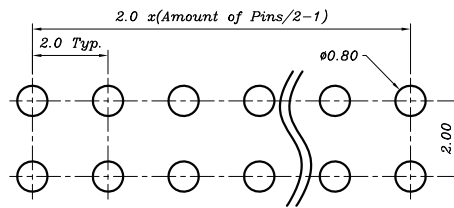
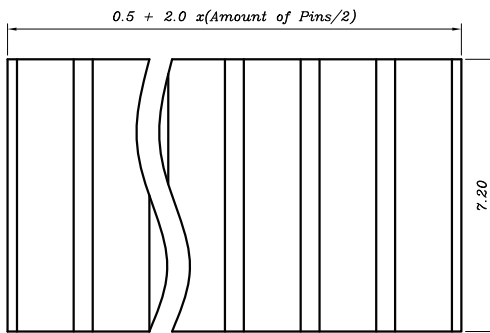
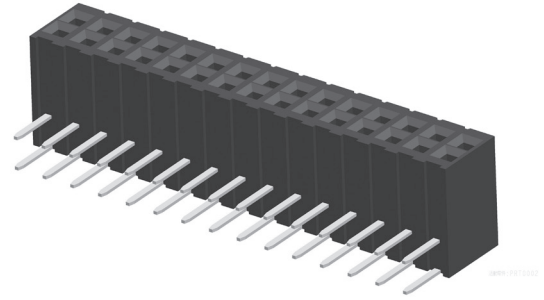
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

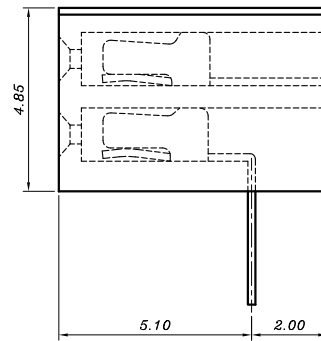
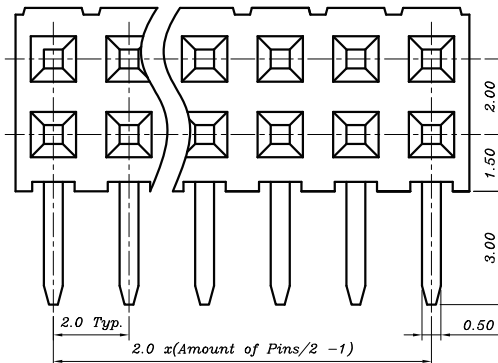
$b$ =04~80-4~80Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER S/T TYPE QUADRI-ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-02901-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

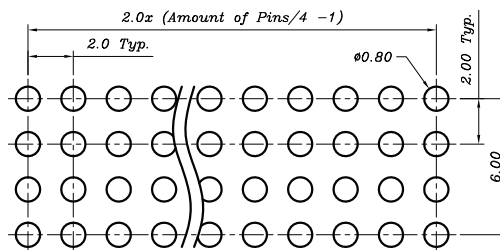
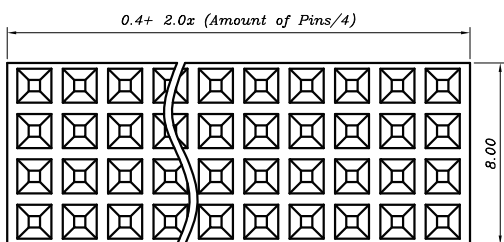
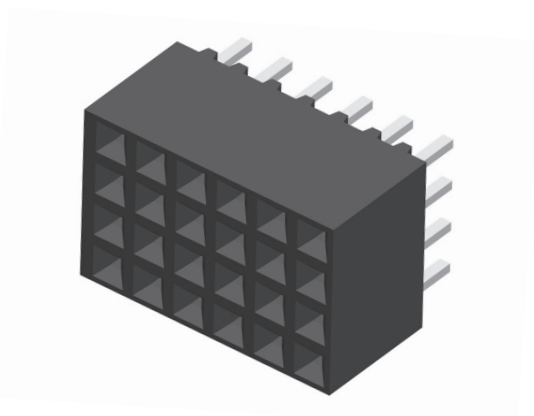
a=Y-RoHS

Z-RoHS(for High Temperature)

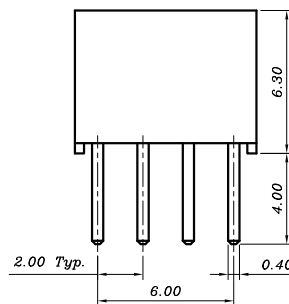
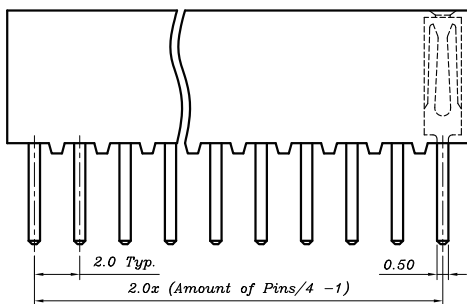
b=24~C0-24~120Pins

c=Packing Option

d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.0mm FEMALE HEADER S/T QUADRI-ROW STACK TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P90-0291  $\frac{X}{b}$  -  $\frac{C0}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option (Dim.B):

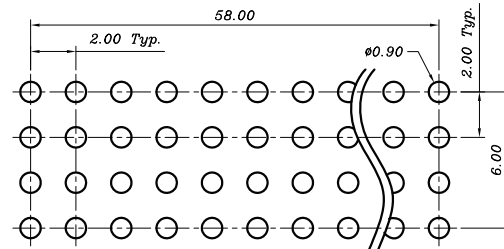
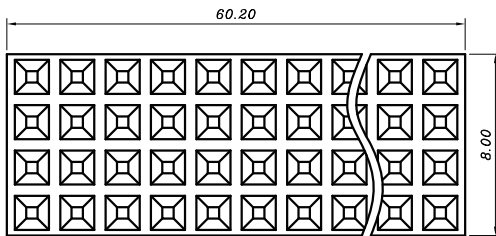
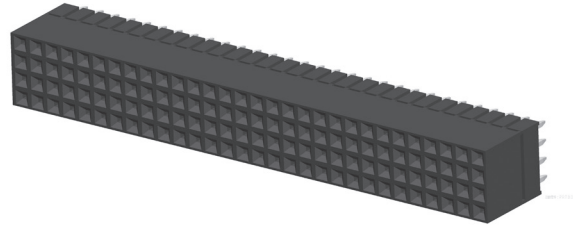
0-2.28mm

1-11.99mm

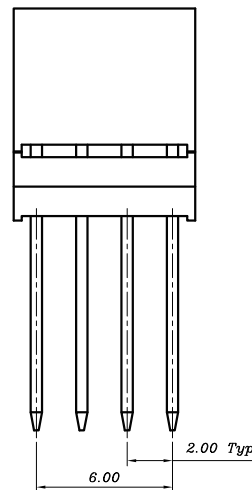
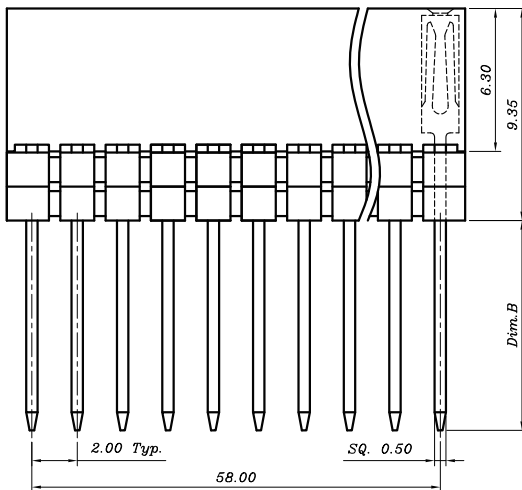
$c$ =C0-120Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

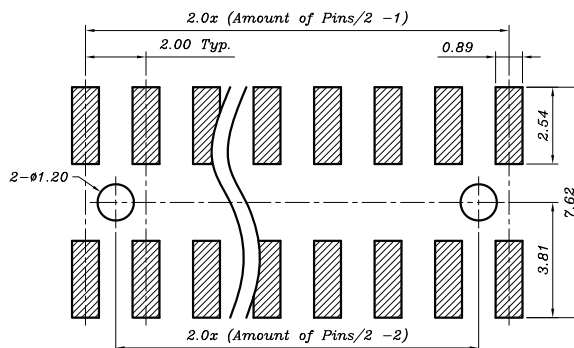
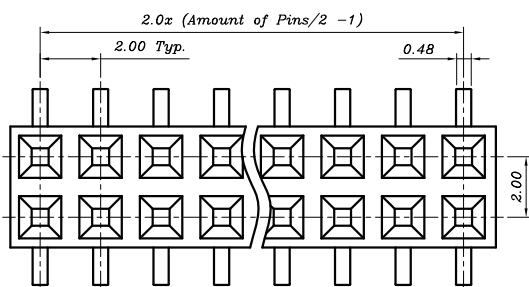
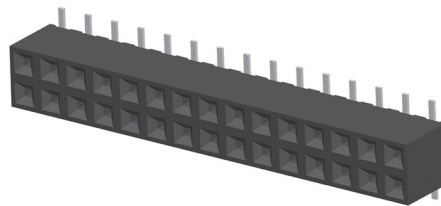
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm FEMALE HEADER SMT TYPE DUAL ROW BASE 4.3mm

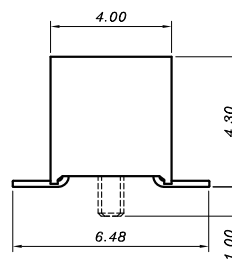
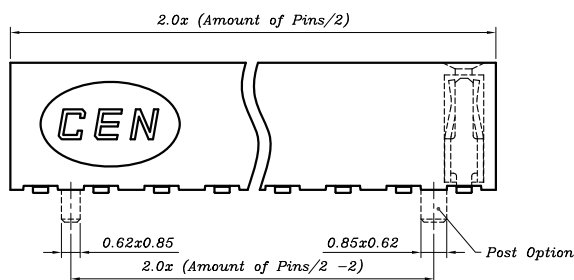
### ORDER INFORMATION

$\frac{T}{a}$  PA0-2  $\frac{X}{b}$  0  $\frac{XX}{c}$  - 02  $\frac{X}{d}$   $\frac{X}{e}$

- a=T-RoHS(for High Temperature)
- b=1-With Post  
2-Without Post
- c=Amount of Pins:  
06,18,24,66,A0-06,18,24,66,100Pins
- d=Packing Option
- e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

- Current Rating : 1A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

## 2.0mm IDC SOCKET

### ORDER INFORMATION

$\frac{X}{a}$  190-1022  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Strain Relief Option:

1-Without Strain Relief

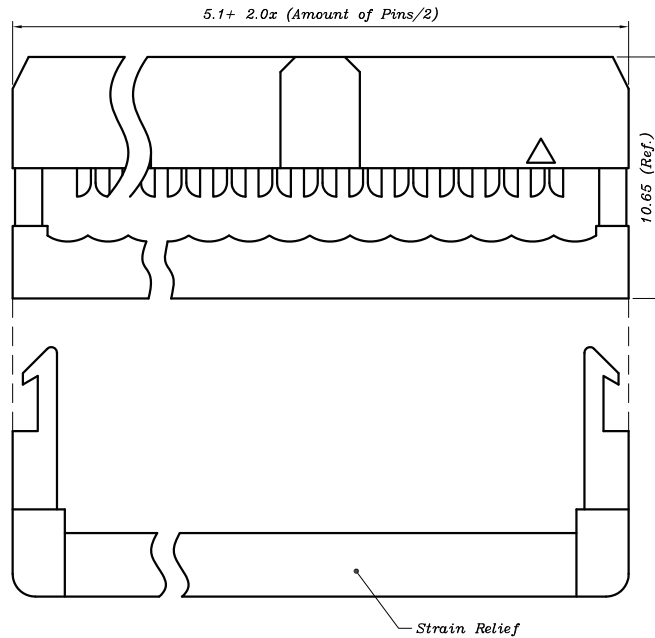
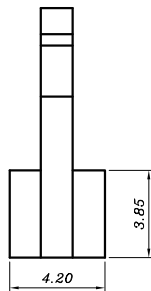
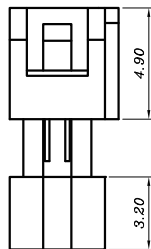
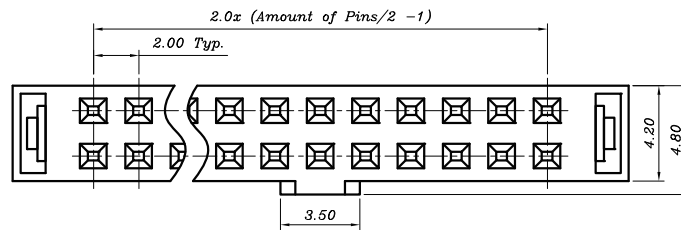
2-With Strain Relief

$c$ =Amount of Pins:

10,12,16,20,24,26,30,34,40,44,50

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -55°C ~ 105°C

## 2.0mm PIN HEADER S/T TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =1-Single Row

4-Dual Row

$c$ =Type Option

Housing Dim.H-1.5mm,2.0mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

$d$ =Amount of Pins:

Single Row:03~40-3~40Pins

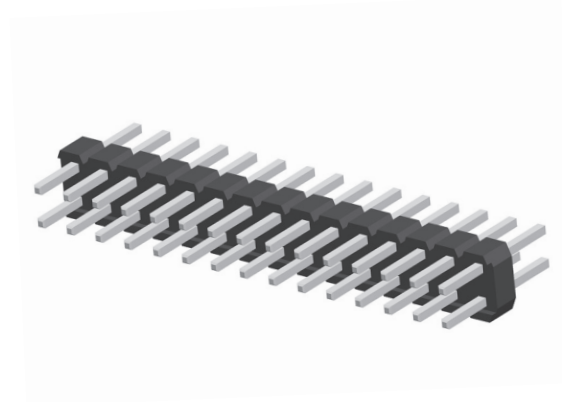
Dual Row:06~80-6~80Pins

$e$ =Packing Option

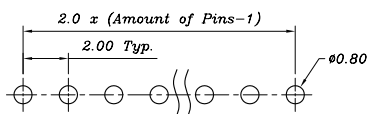
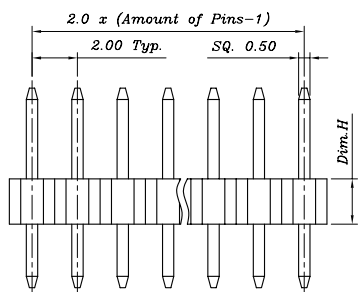
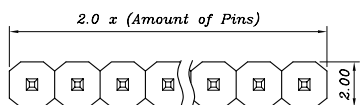
$f$ =Plating Option

\*Dim.A:4.0mm/Dim.B:2.8mm

(\*=Standard)

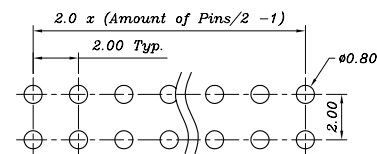
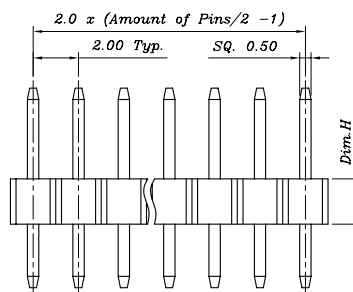
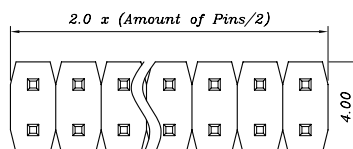


Single Row  
XP91-0210X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Dual Row  
XP91-0240X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER S/T STACK TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  2  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=1-Single Row

4-Dual Row

c=Type Option

Housing Dim.H-1.5mm,2.0mm

Pin Length(Dim.A/Dim.C/Dim.B):

Custom Length Available

d=Amount of Pins:

Single Row:02~40-2~40Pins

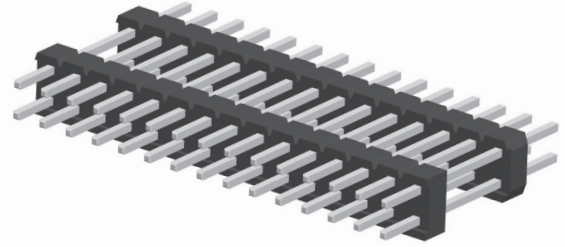
Dual Row:04~80-4~80Pins

e=Packing Option

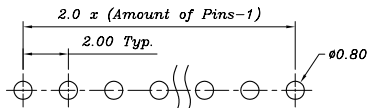
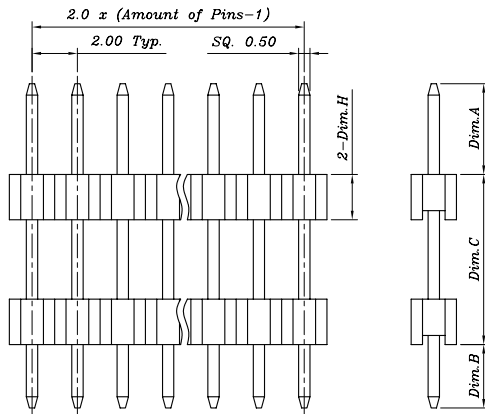
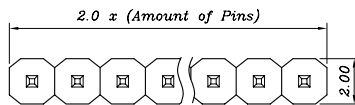
f=Plating Option

\*Dim.A:4.0mm/Dim.C:7.5mm/Dim.B:2.8mm

(\*=Standard)

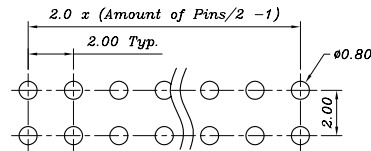
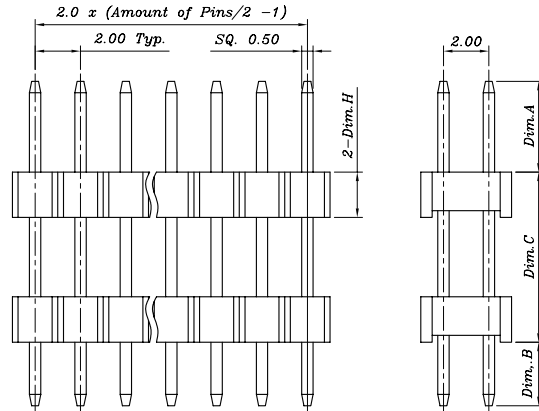
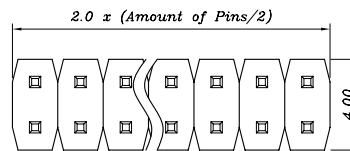


Single Row  
XP91-0212X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

Dual Row  
XP91-0242X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.0mm PIN HEADER R/A TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=3-Single Row

6-Dual Row

c=Type Option

Housing Dim.H-1.5mm,2.0mm

Pin Length(Dim.A/Dim.B):

Custom Length Available

d=Amount of Pins:

Single Row:03~40-3~40Pins

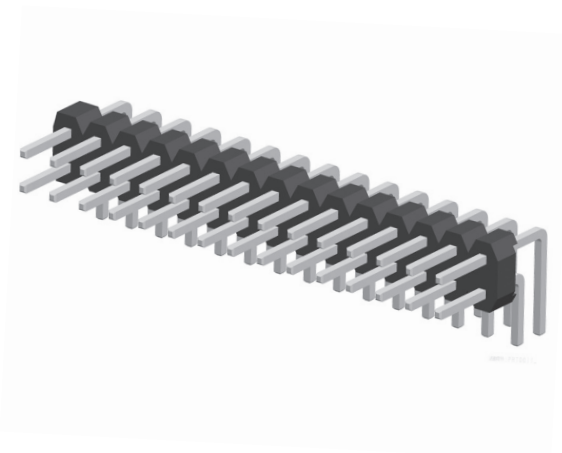
Dual Row:06~80-6~80Pins

e=Packing Option

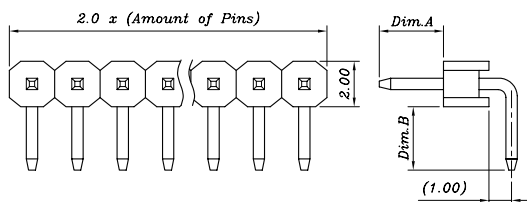
f=Plating Option

\*Dim.A:4.0mm/Dim.B:2.8mm

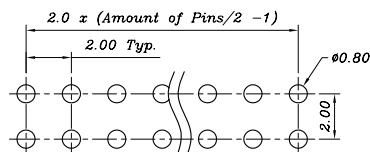
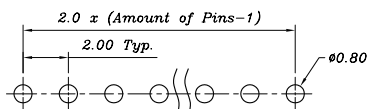
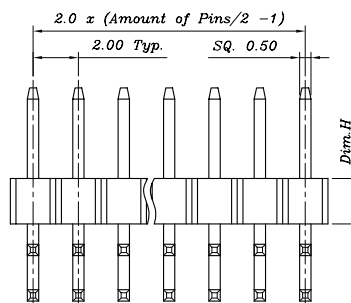
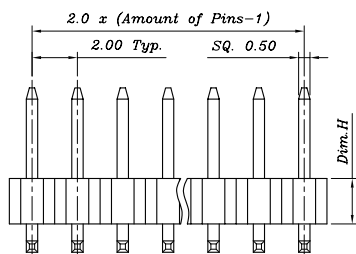
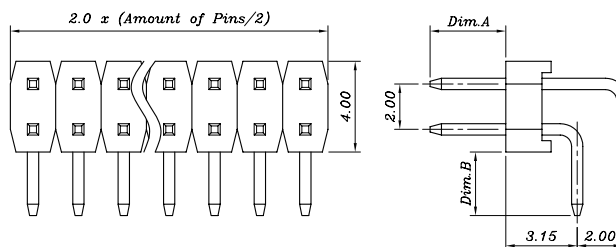
(\*=Standard)



Single Row  
XP91-0230X-XXB1



Dual Row  
XP91-0260X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.0mm PIN HEADER S/T STACK TYPE WITH CAP

### ORDER INFORMATION

$\frac{X}{a}$  P91-0242  $\frac{X}{b}$  -  $\frac{18}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option Pin Length(Dim.A/Dim.C/Dim.B):

B-4.00mm/30.30mm/2.20mm

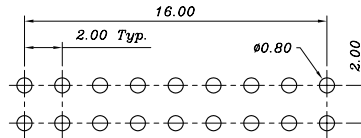
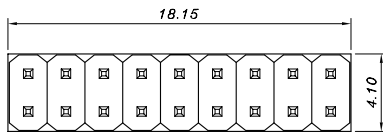
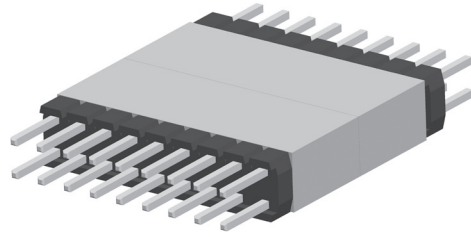
I-4.00mm/26.10mm/2.00mm

J-4.00mm/18.80mm/2.20mm

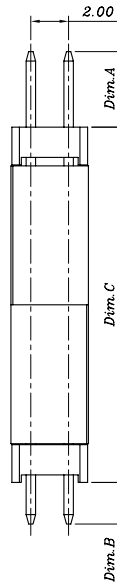
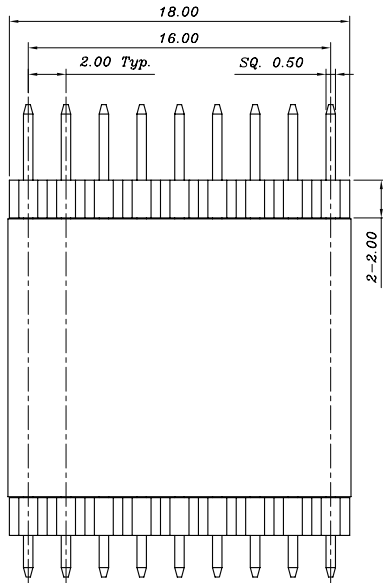
$c$ =Amount of Pins:18-18Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER S/T TYPE DUAL ROW LOW PROFILE

### ORDER INFORMATION

$\frac{X}{a}$  P91-0243  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Pin Length(Dim.A/Dim.B):

Custom Length Available

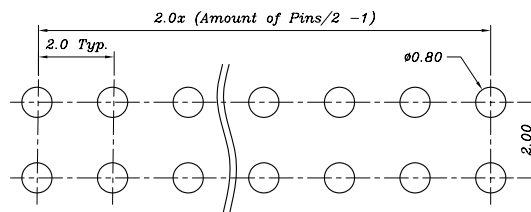
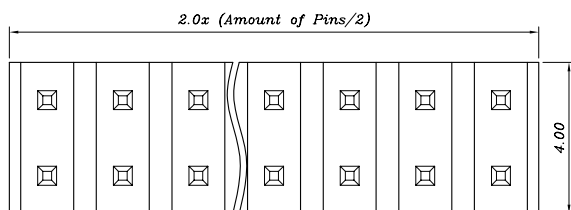
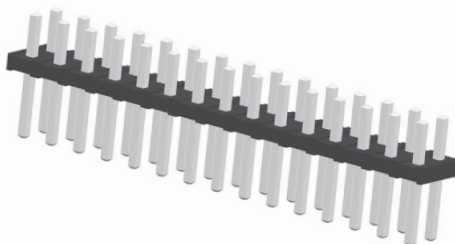
c=06~80-6~80Pins

d=Packing Option

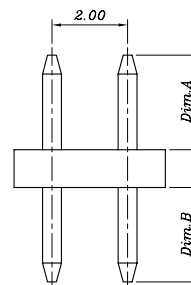
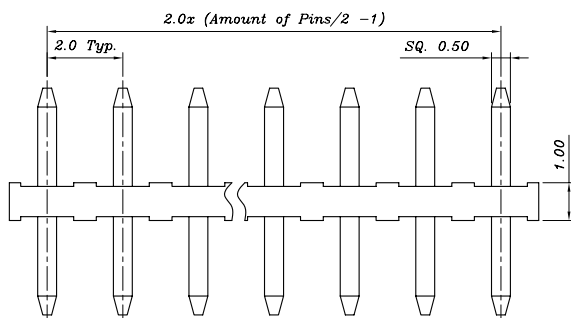
e=Plating Option

\*Dim.A:2.5mm/Dim.B:2.5mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER S/T TYPE DUAL ROW BASE 4.0mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-0244  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length(Dim.A/Dim.B):

Custom Length Available

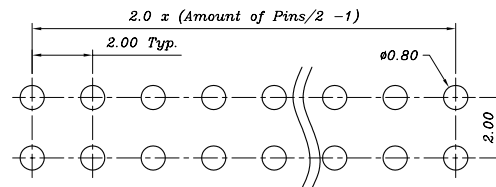
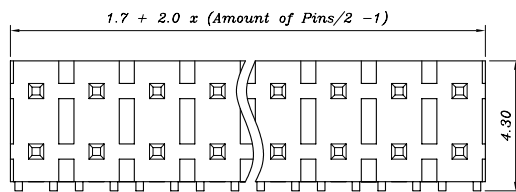
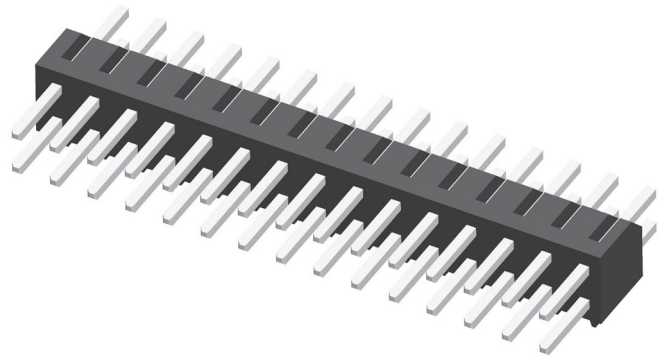
$c$ =06~80-6~80Pins

$d$ =Packing Option

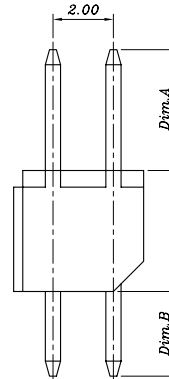
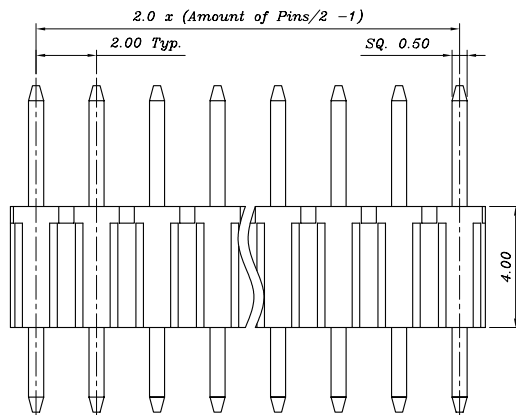
$e$ =Plating Option

\*Dim.A:4.0mm/Dim.B:2.8mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER SMT TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=5-Without Post

B-With Post

c=Type Option

Housing Dim.H-1.5mm,2.0mm

Pin Length(Dim.A):

Custom Length Available

d=06~80-6~80Pins

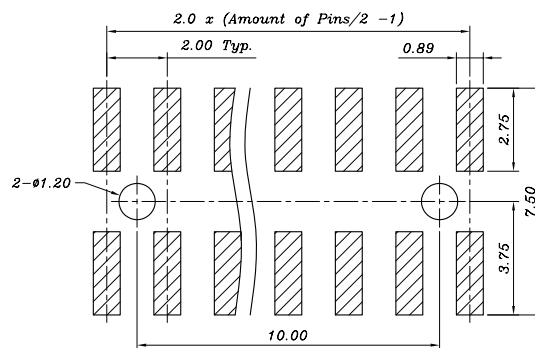
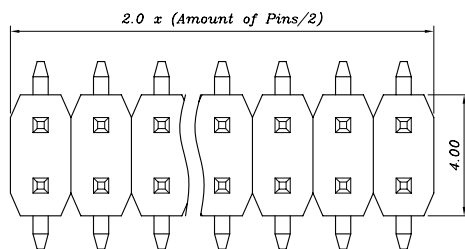
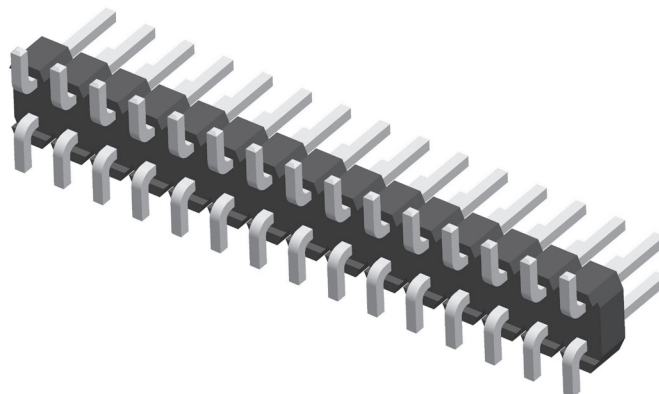
e=Packing Option

f=Plating Option

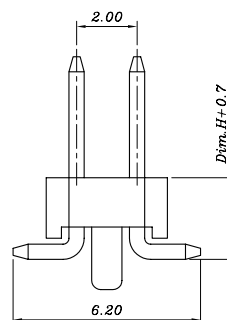
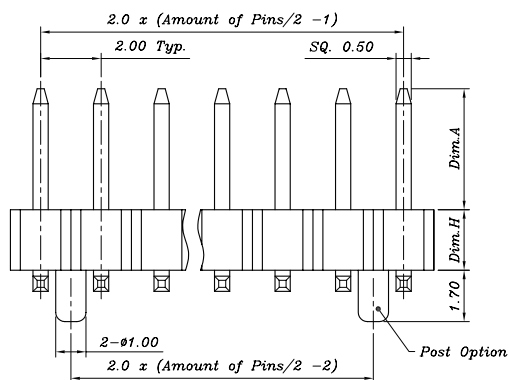
\*Dim.A:4.0mm

\*Dim.A:3.3mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER R/A TYPE DUAL ROW BASE 4.3mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-0262  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length(Dim.A/Dim.B):

Custom Length Available

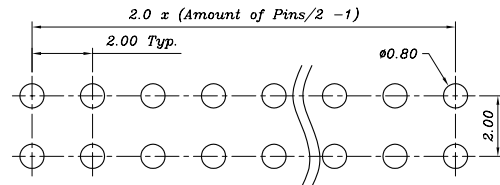
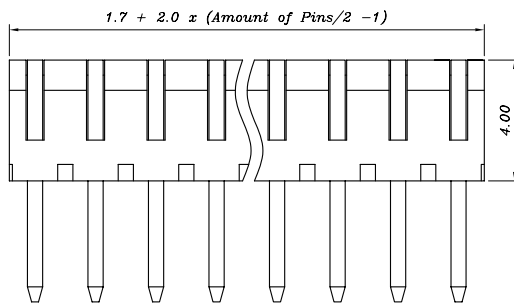
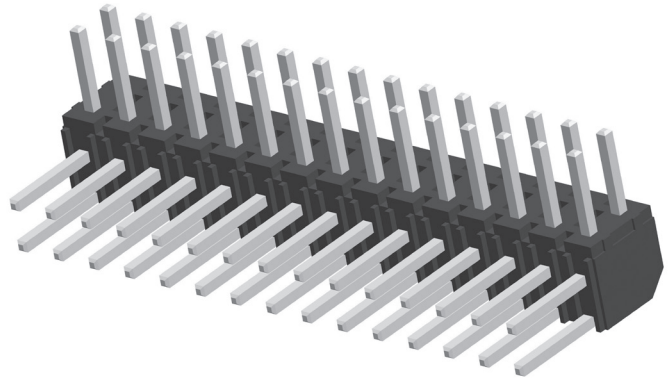
$c$ =06~80-6~80Pins

$d$ =Packing Option

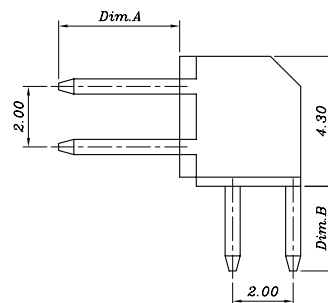
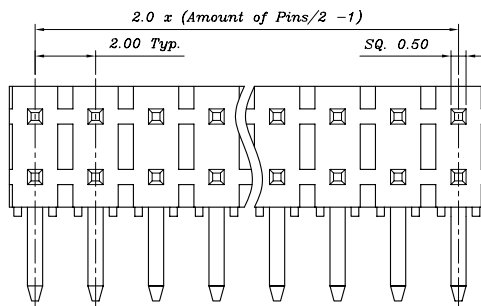
$e$ =Plating Option

\*Dim.A:4.0mm/Dim.B:2.8mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER S/T TYPE QUADRI-ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0290  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

Z-RoHS(for High Temperature)

b=Type Option

Pin Length(Dim.A/Dim.B):

Custom Length Available

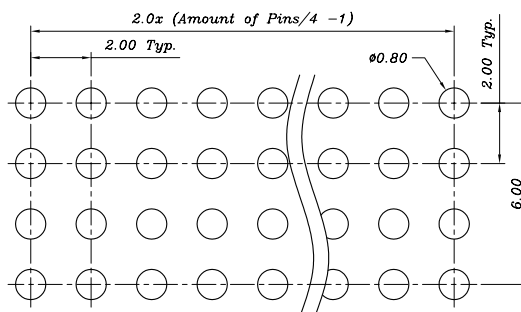
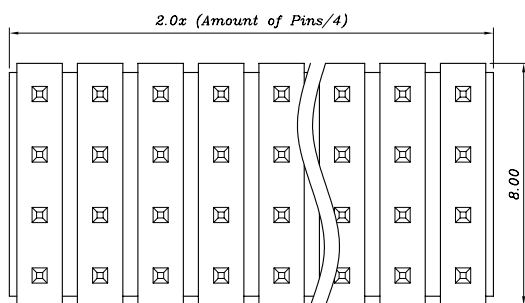
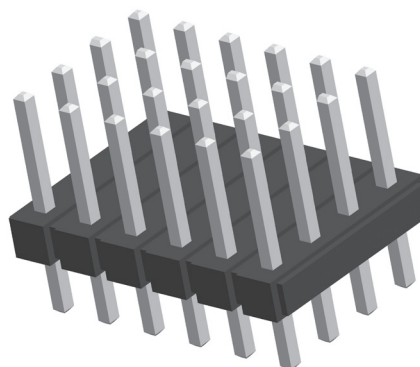
c=24~C0-24~120Pins

d=Packing Option

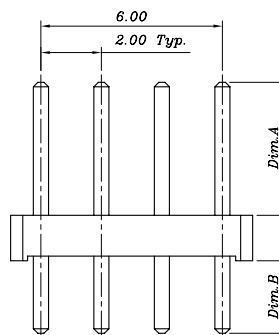
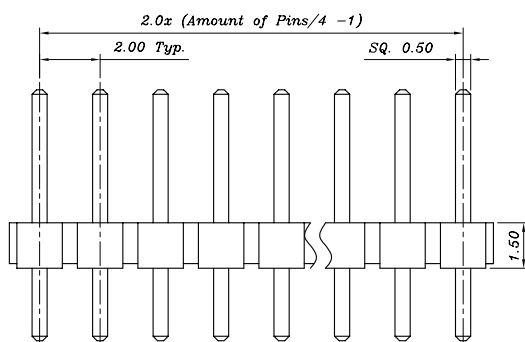
e=Plating Option

\*Dim.A:4.4mm/Dim.B:2.4mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

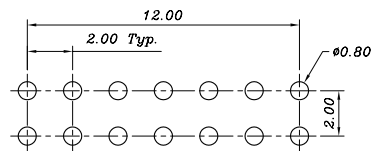
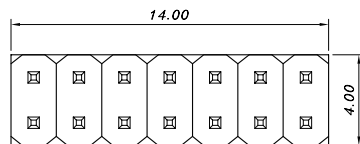
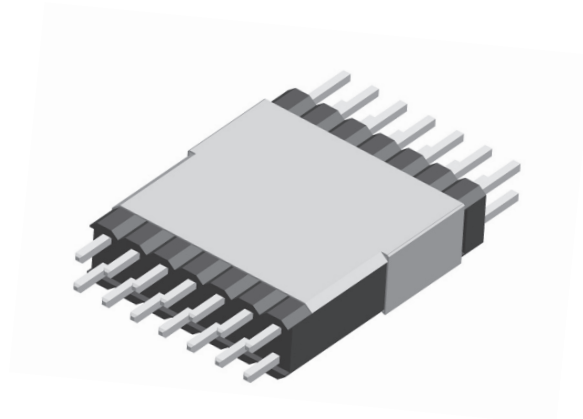
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm PIN HEADER S/T STACK TYPE W/CAP

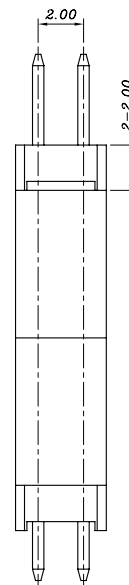
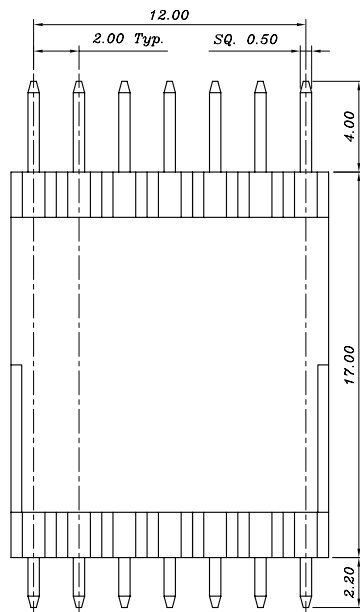
### ORDER INFORMATION

$\frac{TPA1-120}{a} \frac{14}{b} \frac{-01}{c} \frac{X}{d} \frac{X}{d}$

- $a$ =T-RoHS(for High Temperature)
- $b$ =Amount of Pins:14-14Pins
- $c$ =Packing Option
- $d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

- Current Rating : 1A
- Dielectric Withstanding : AC 500V
- Operating Temperature :  $-40^{\circ}C \sim 105^{\circ}C$

## 2.0mm BOX HEADER S/T STACK TYPE W/CAP

### ORDER INFORMATION

$\frac{X}{a}$  P91-024B1 -  $\frac{20}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

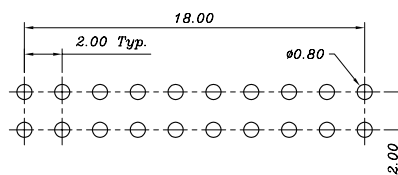
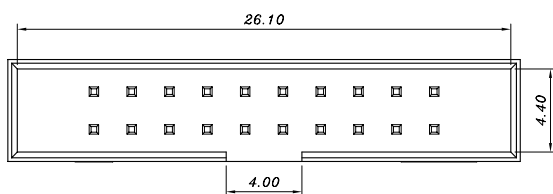
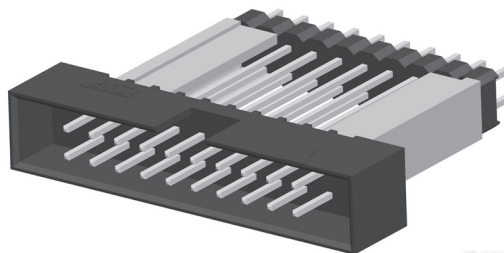
a=Y-RoHS

Z-RoHS(for High Temperature)

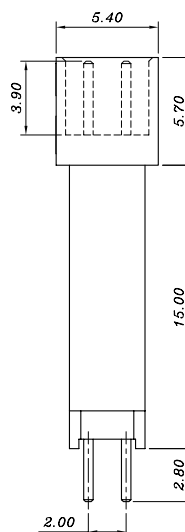
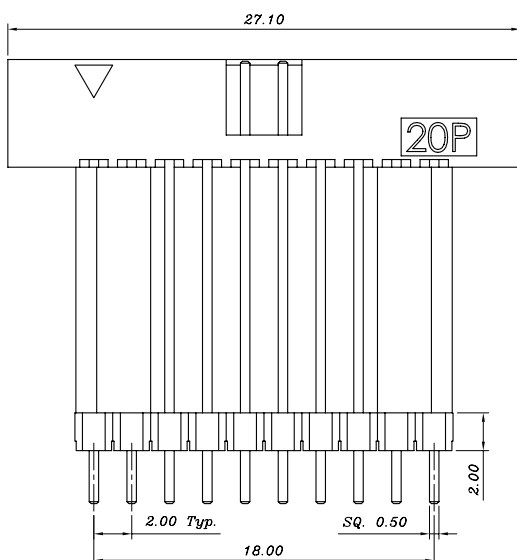
b=Amount of Pins:20-20Pins

c=Packing Option

d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER S/T TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-024B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

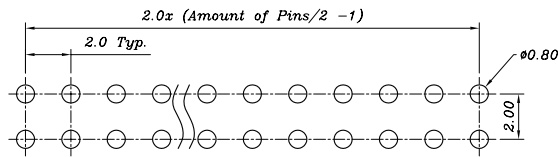
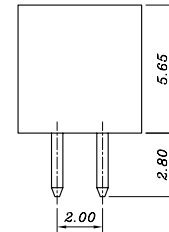
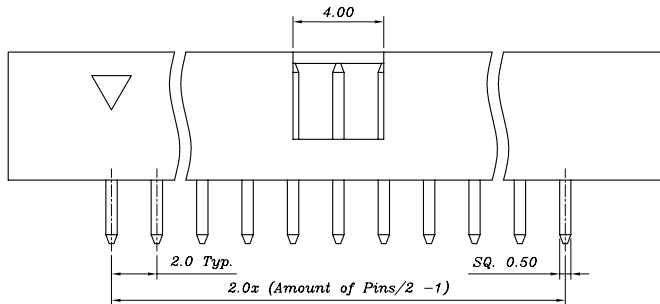
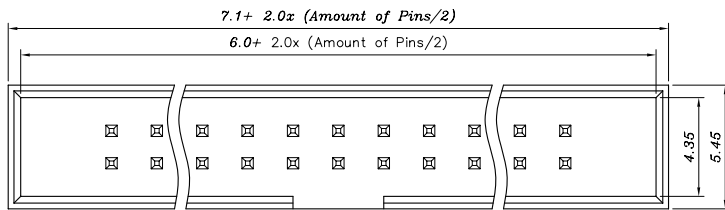
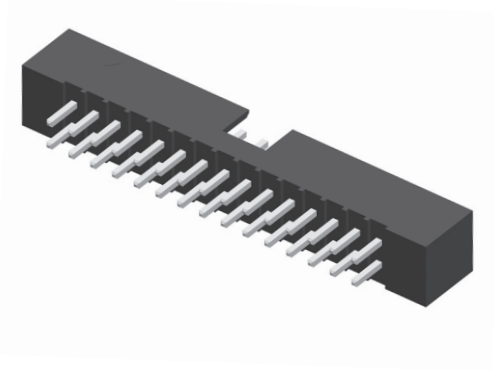
Z-RoHS(for High Temperature)

$b$ =Type Option

$c$ =10~68-10~68Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER S/T STACK TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-024BA-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

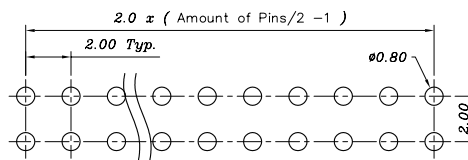
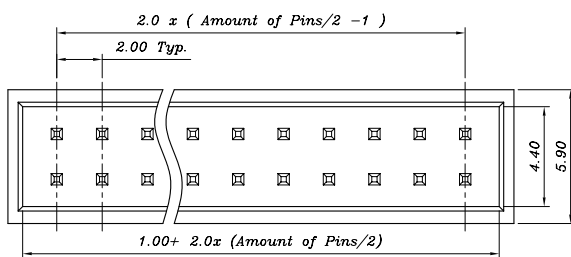
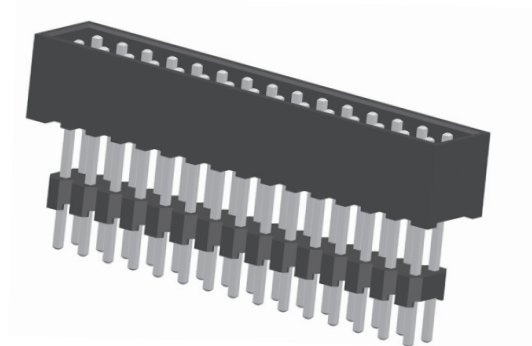
a=Y-RoHS

Z-RoHS(for High Temperature)

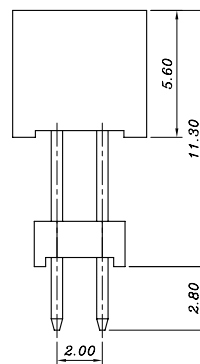
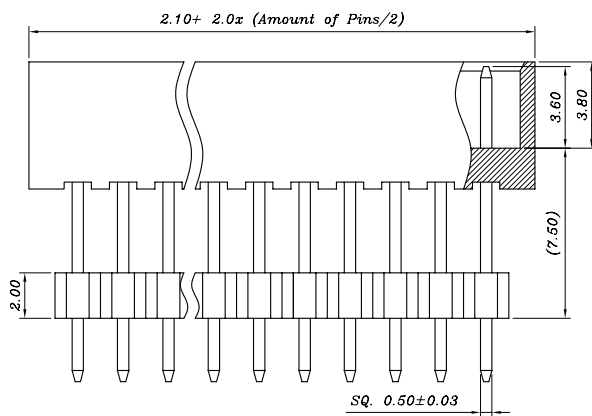
b=06~80-6~80Pins

c=Packing Option

d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.0mm BOX HEADER S/T STACK TYPE W/CAP

### ORDER INFORMATION

$\frac{X}{a}$  P91-024BH-  $\frac{24}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

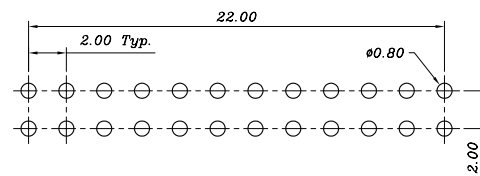
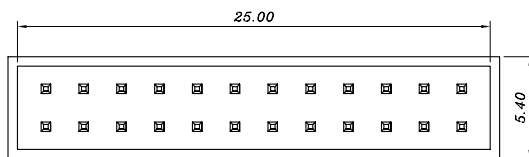
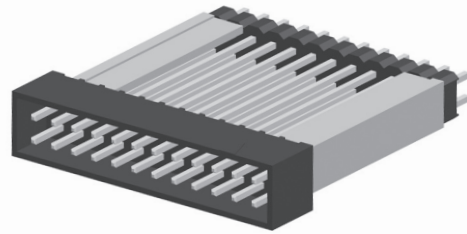
$\alpha$ =Y-RoHS

Z-RoHS(for High Temperature)

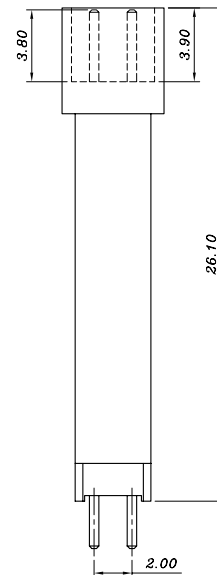
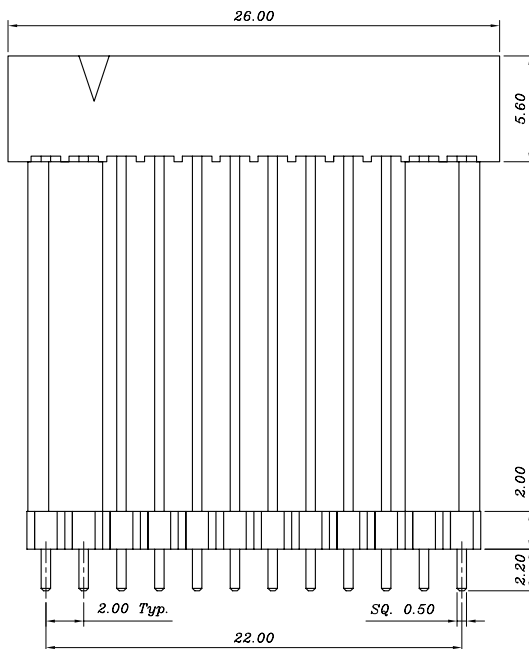
$b$ =Amount of Pins:24-24Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER SMT TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-025B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

a=Y-RoHS

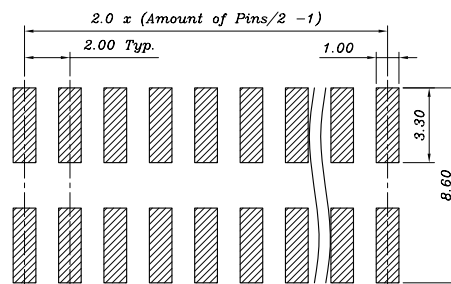
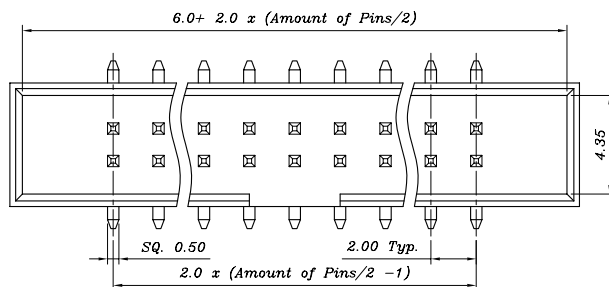
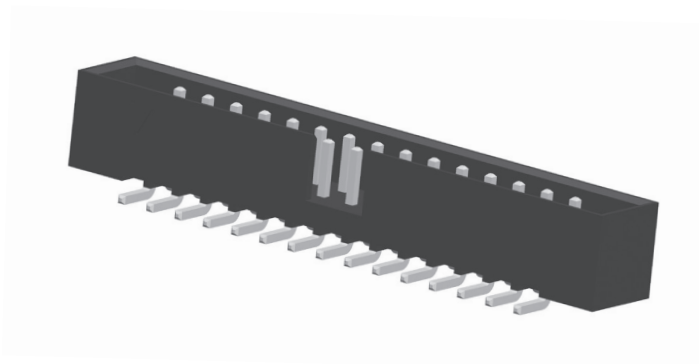
Z-RoHS(for High Temperature)

b=Type Option

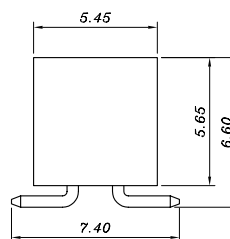
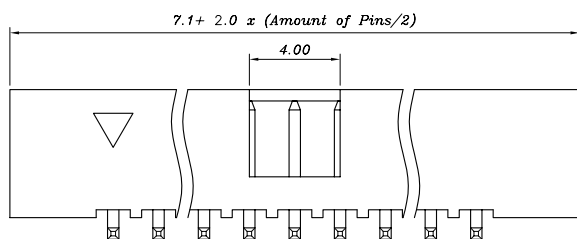
c=10~68-10~68Pins

d=Packing Option

e=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER SMT TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-025B5-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

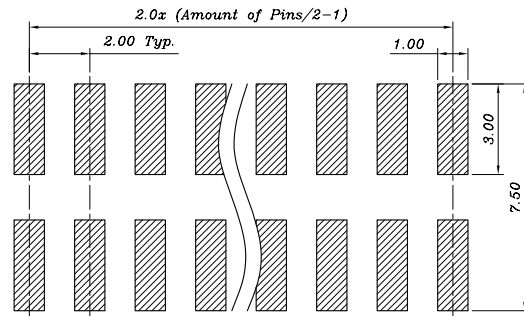
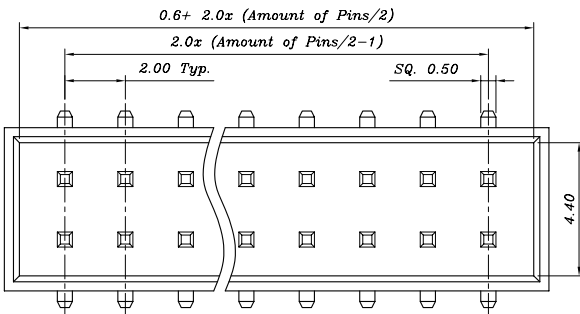
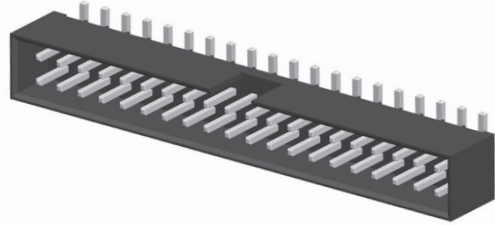
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

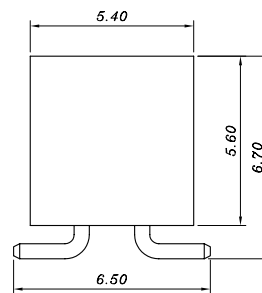
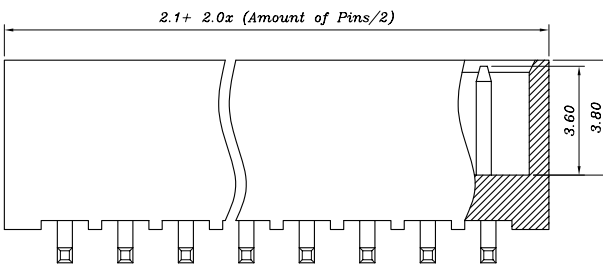
$b$ =10~68-10~68Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER R/A TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-026B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

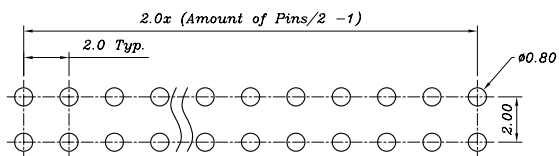
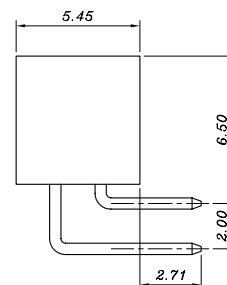
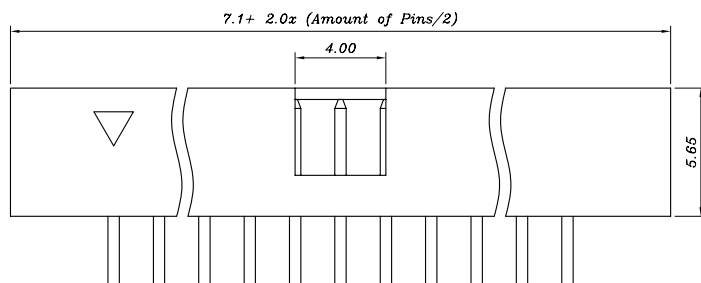
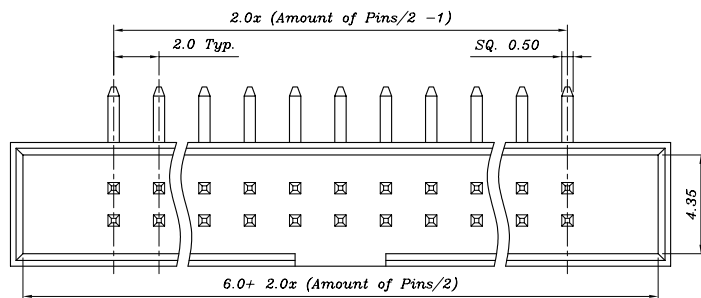
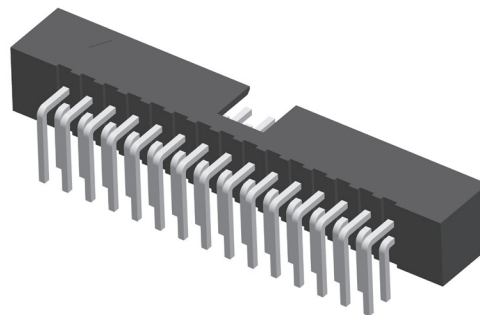
Z-RoHS(for High Temperature)

$b$ =Type Option

$c$ =10~68-10~68Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Dielectric Withstanding : AC 500V

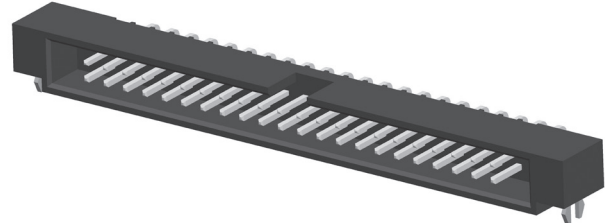
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.0mm BOX HEADER R/A TYPE W/BOARDLOCK

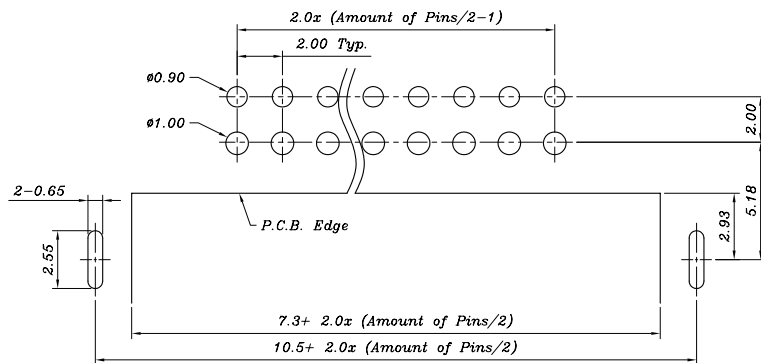
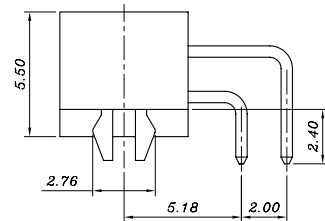
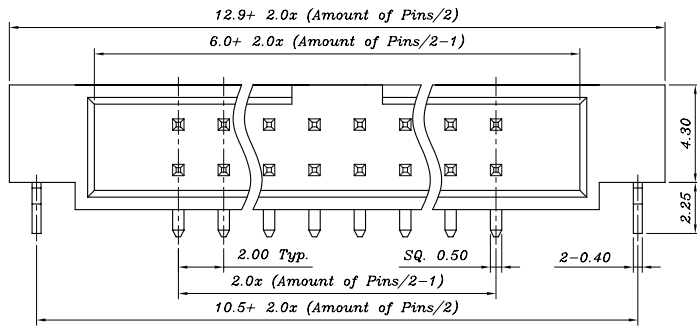
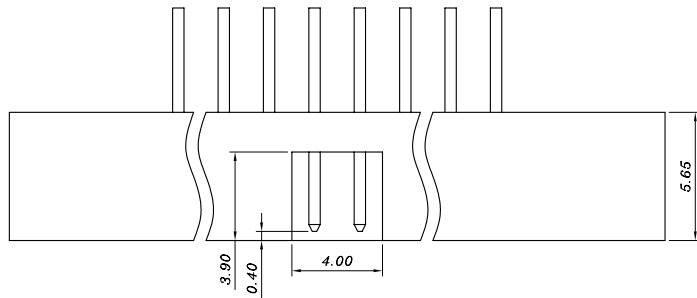
### ORDER INFORMATION

$\frac{TPA1-301}{a} \frac{44}{b} \frac{-01}{c} \frac{X}{d}$

$\alpha$ =T-RoHS(for High Temperature)  
 $b$ =Amount of Pins:44-44Pins  
 $c$ =Packing Option  
 $d$ =Plating Option



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### SPECIFICATION

Current Rating : 1A  
 Dielectric Withstanding : AC 500V  
 Operating Temperature : -40° C ~ 105° C

Recommended P.C.B. Layout  
 Layout Tolerance = ± 0.05 mm

## 2.0mm DIP PLUG CONNECTOR

### ORDER INFORMATION

$\frac{X}{a}$  191-102  $\frac{1}{b}$  2-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Contact Material Option:

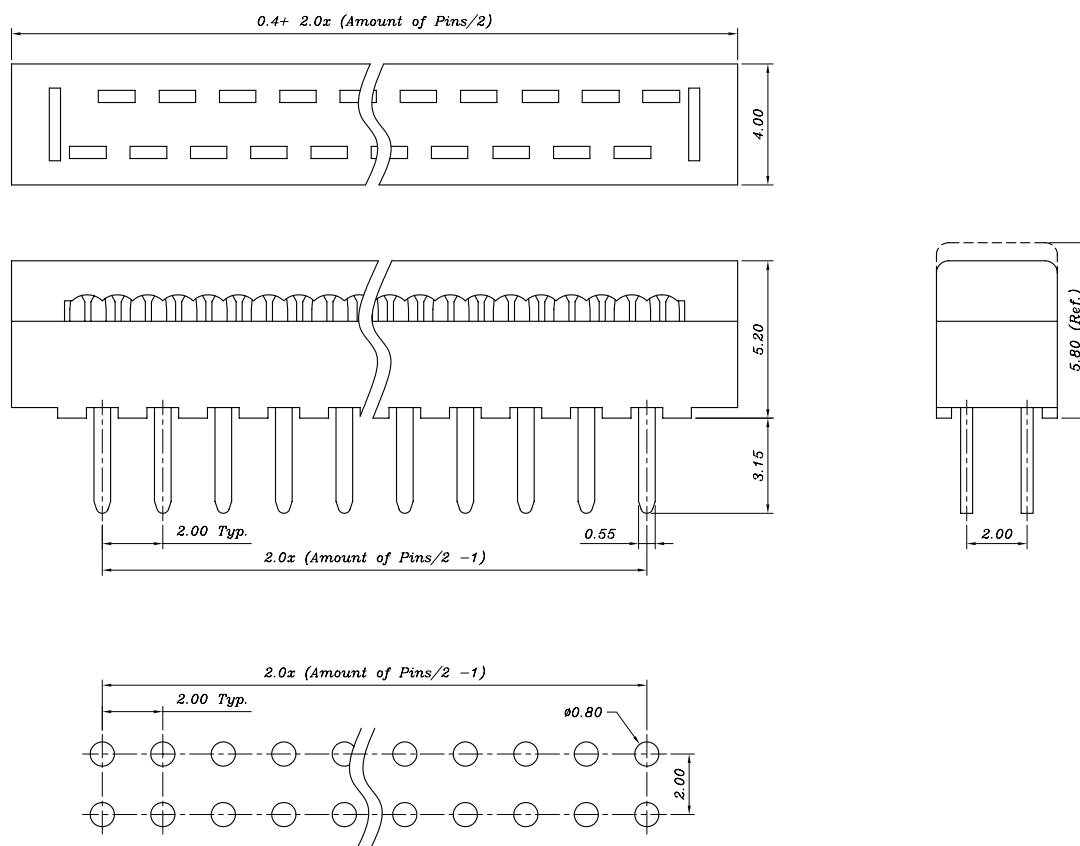
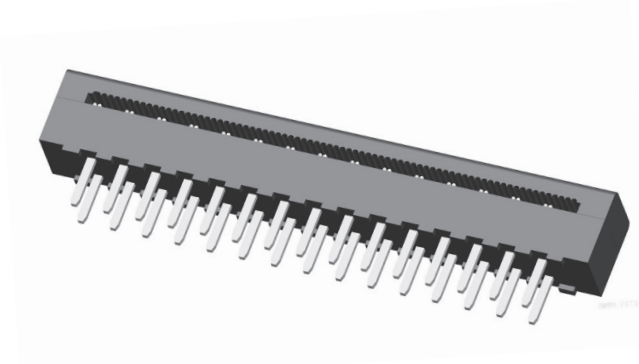
1-Phosphor Bronze

$c$ =Amount of Pins:

10,12,16,20,24,26,30,34,40,44,50

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohm Max.

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

**2.0mm MINI JUMPER CLOSE TYPE BASE 5.0mm**

**ORDER INFORMATION**

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  M1 -  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Contact Material:

1-Brass

2-Phosphor Bronze

$c$ =Color Option:

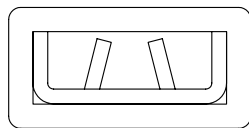
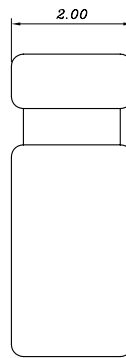
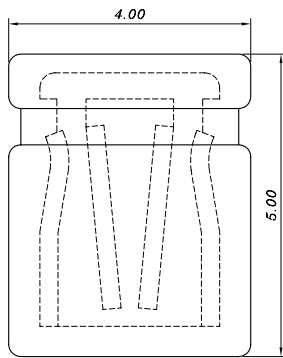
0-Black

1-Blue

2-Red

$d$ =Packing Option

$e$ =Plating Option



**SPECIFICATION**

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.0mm MINI JUMPER OPEN TYPE BASE 3.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-02  $\frac{X}{b}$  M2 -  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Contact Material:

1-Brass

2-Phosphor Bronze

$c$ =Color Option:

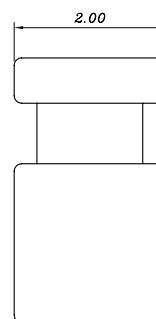
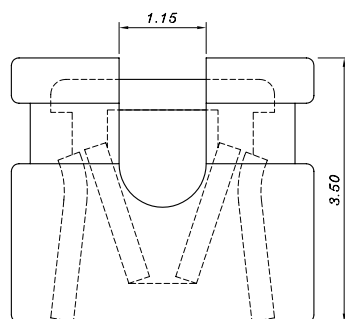
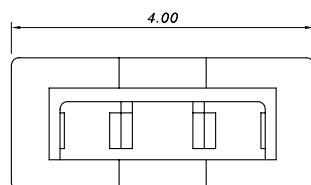
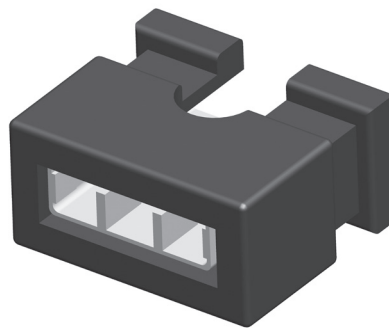
0-Black

1-Blue

2-Red

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.0mm MINI JUMPER OPEN TYPE BASE 9.5mm/11.0mm

### ORDER INFORMATION

$\frac{Y}{a}$  P91-02  $\frac{X}{b}$  M  $\frac{X}{c}$  -  $\frac{X}{d}$  2  $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

$b$ =Contact Material:

1-Brass

2-Phosphor Bronze

$c$ =3-Base 9.5mm

4-Base 11.0mm

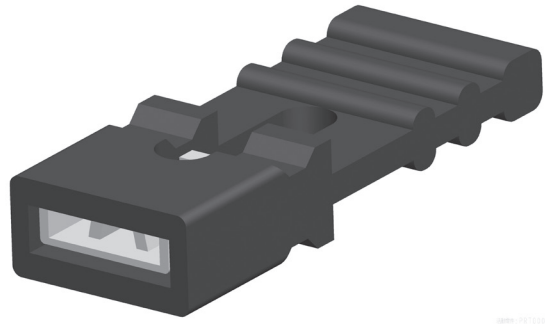
$d$ =Color Option:

0-Black

1-Blue

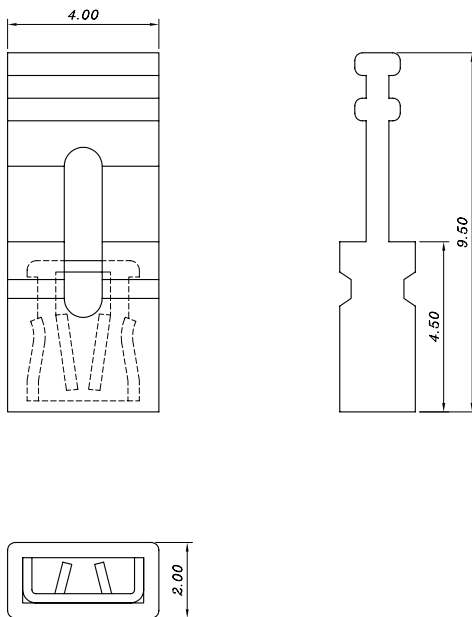
$e$ =Packing Option

$f$ =Plating Option

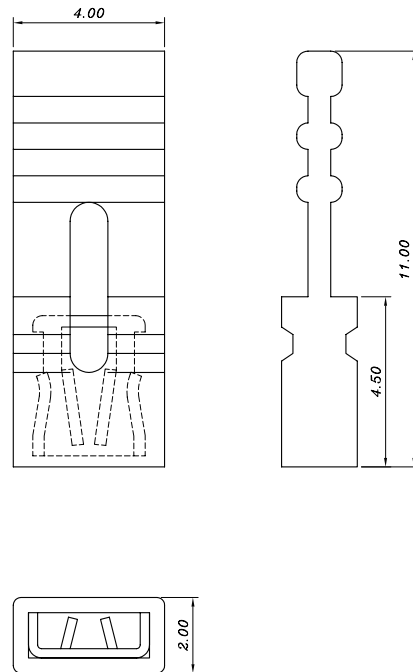


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Base 9.5mm  
YP91-02XM3-X2B1



Base 11.0mm  
YP91-02XM4-X2B1



### SPECIFICATION

Current Rating : 1A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40° C ~ 105° C

## 2.00mm PINDER HEADER R/A DIP

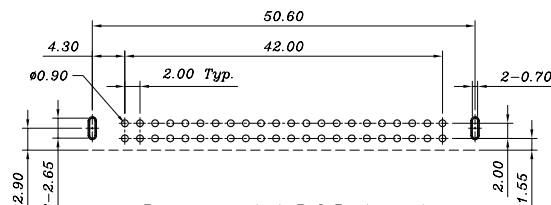
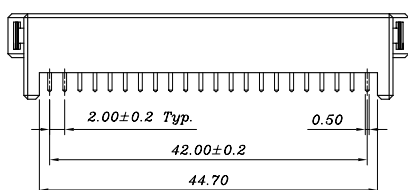
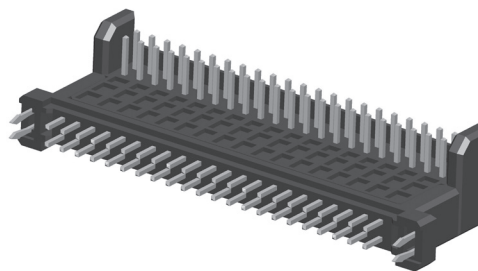
### ORDER INFORMATION

TPA1-71000-  $\frac{44}{a} \frac{X}{b} \frac{X}{c} A$

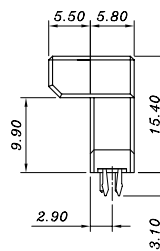
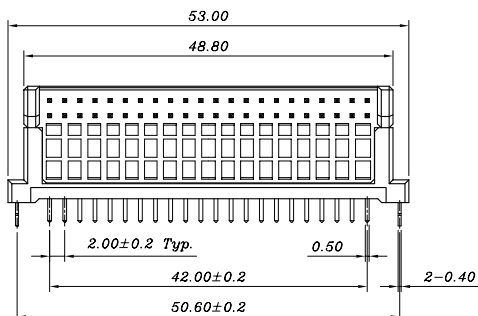
$a$ =Amount of Pins:44-44 Pins

$b$ =Packing Option

$c$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



### SPECIFICATION

Current Rating : 2A

Contact Resistance : 30m ohms Max.

Dielectric Withstanding : AC 500V

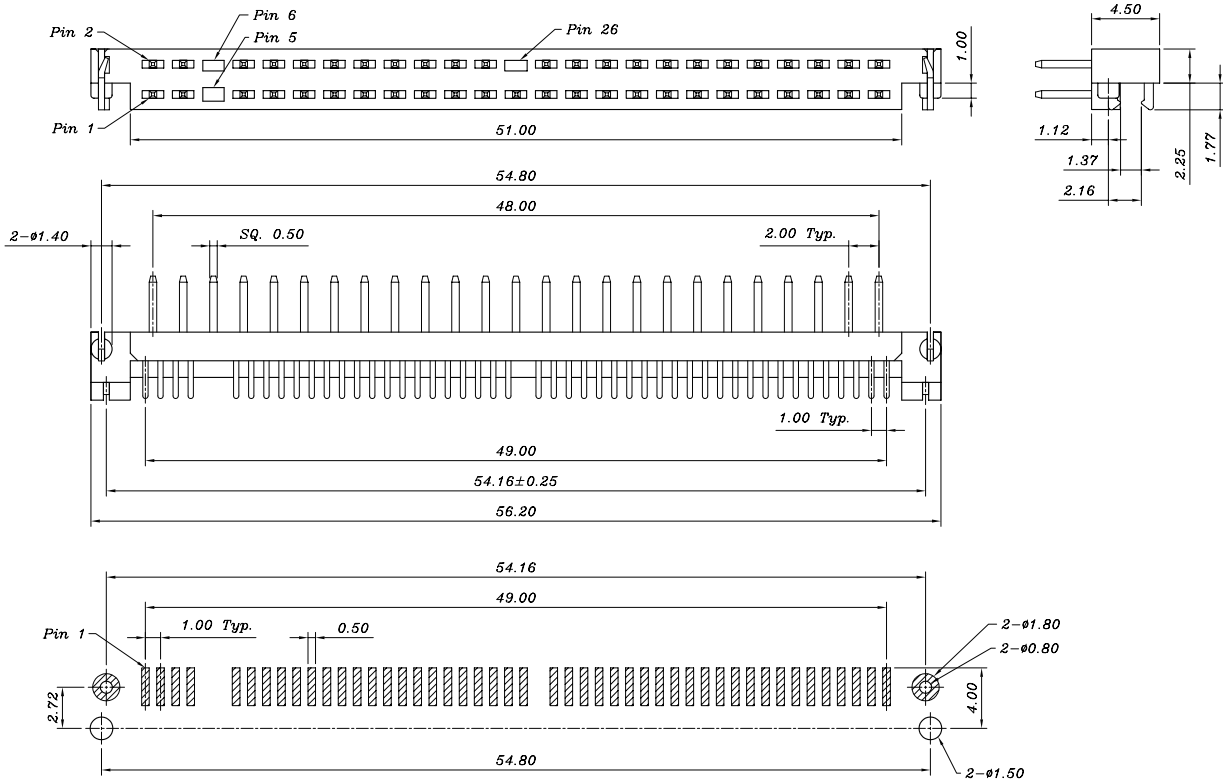
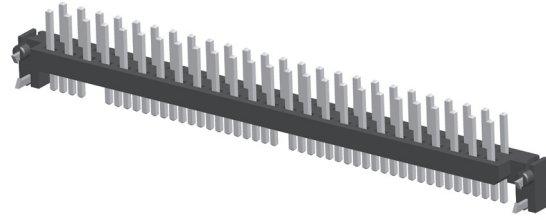
Operating Temperature : -55° C ~ 105° C

## 2.00mm PIN HEADER

### ORDER INFORMATION

TPA1-70201-  $\frac{50}{a} \frac{X}{b} \frac{X}{c}$

$a$ =Amount of Pins:50-50 Pins  
 $b$ =Packing Option  
 $c$ =Plating Option



Recommended P.C.B. Layout  
 Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 1A  
 Contact Resistance : 30m ohms Max.  
 Dielectric Withstanding : AC 500V  
 Operating Temperature :  $-55^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER S/T TYPE BASE 8.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

1-Single Row

4-Dual Row

$c$ =Type Option

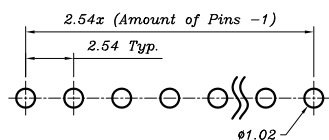
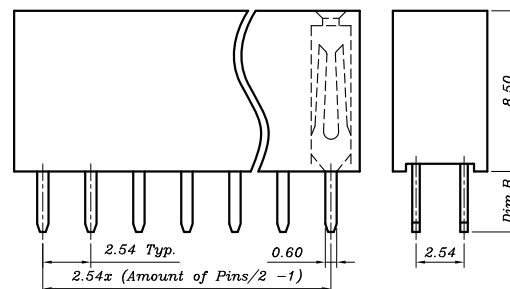
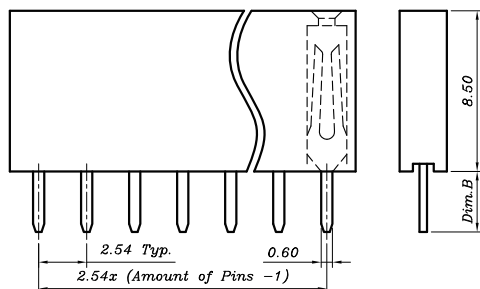
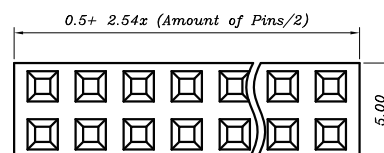
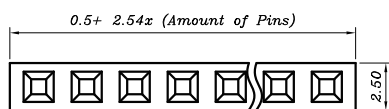
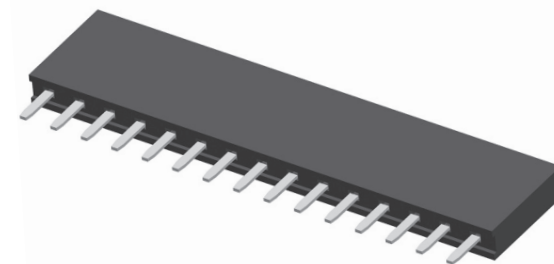
Dim.B-3.2mm,6.0mm,11.0mm

$d$ =Single Row:02~40-2~40Pins

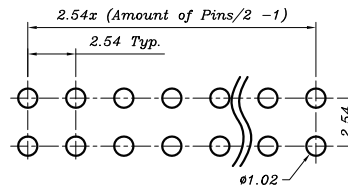
Dual Row:04~80-4~80Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature : -40°C ~ 105°C

# 2.54mm FEMALE HEADER DUAL ENTRY SINGLE ROW ONE SIDE

## ORDER INFORMATION

$\frac{X}{a}$  P90-01105-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

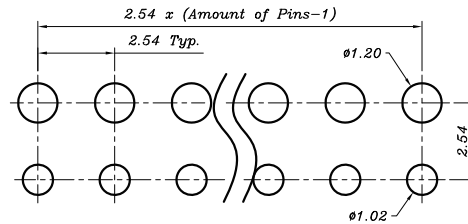
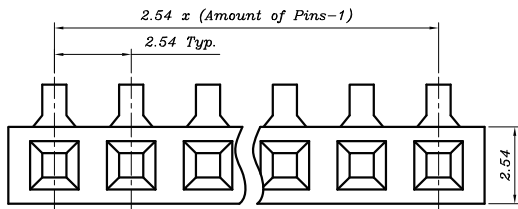
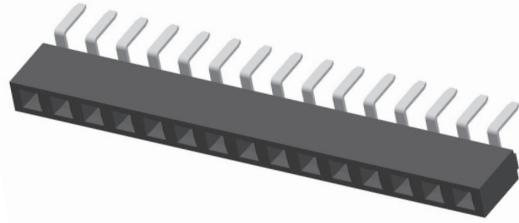
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

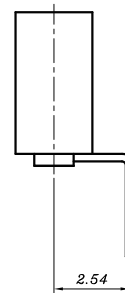
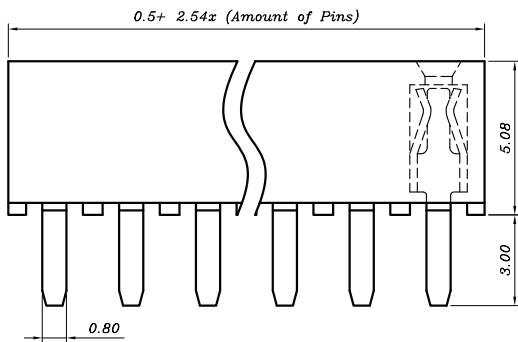
$b$ =02~40-2~40Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05 \text{ mm}$



## SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER DUAL ENTRY SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-0110  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

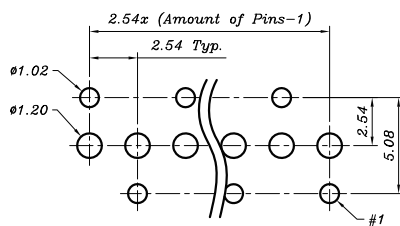
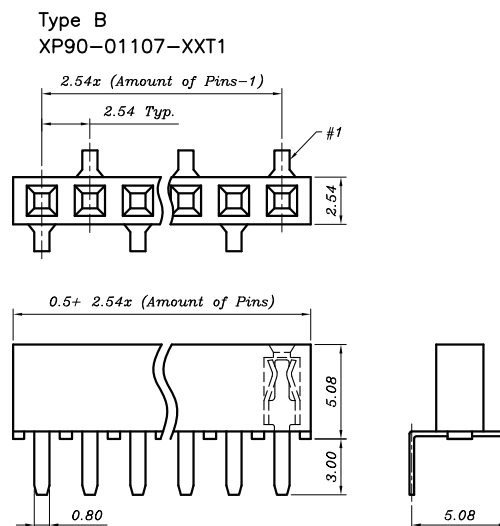
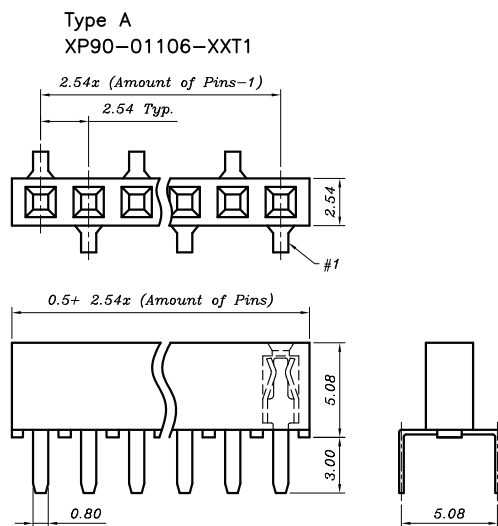
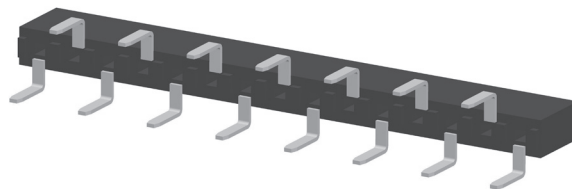
6-Type A

7-Type B

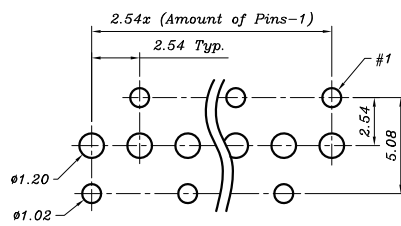
$c$ =02~40-2~40Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER S/T TYPE BASE 8.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  1  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

1-Single Row

4-Dual Row

$c$ =Type Option

Dim.B-3.0mm

$d$ =Single Row:02~40-2~40Pins

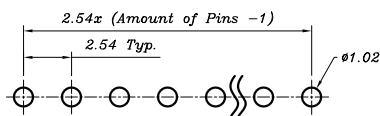
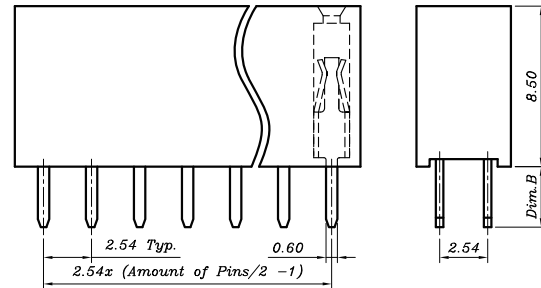
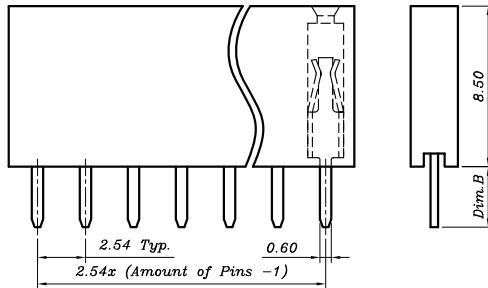
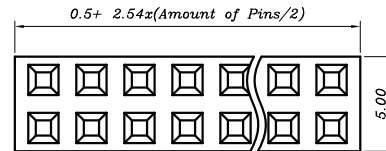
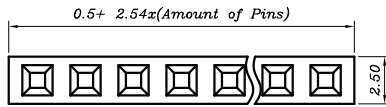
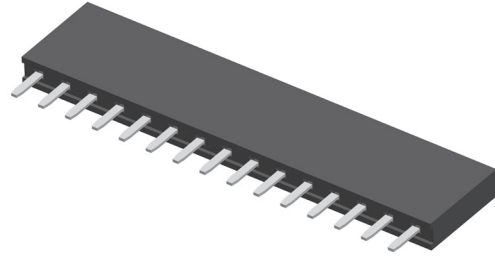
Dual Row:04~80-4~80Pins

$e$ =Packing Option

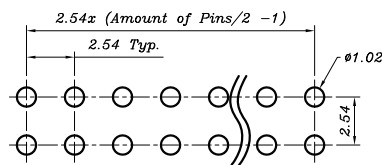
$f$ =Plating Option

\*Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER S/T TYPE BASE 7.1mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  4  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

1-Single Row

4-Dual Row

$c$ =Type Option

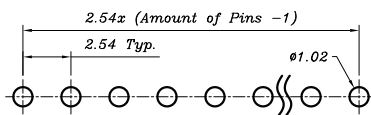
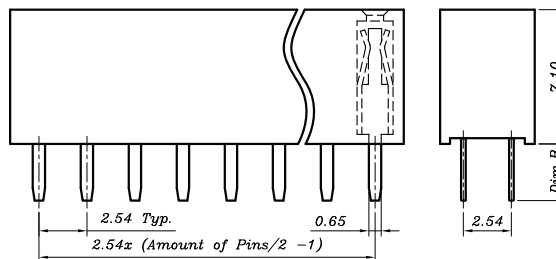
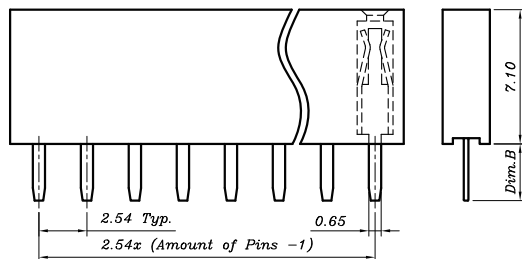
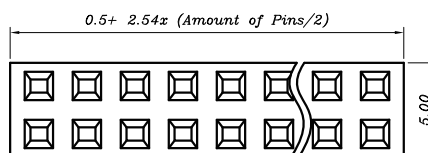
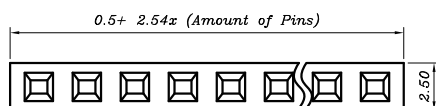
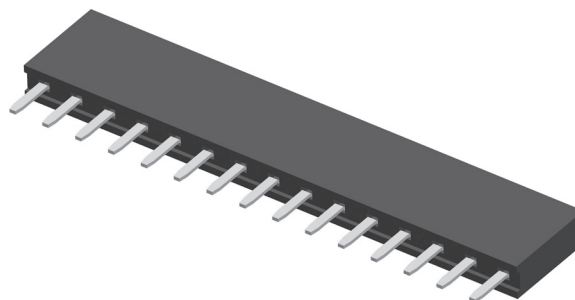
Dim.B-3.0mm

$d$ =Single Row:02~40-2~40Pins

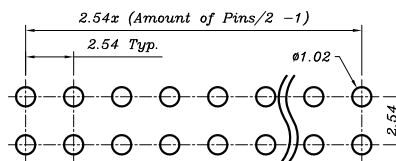
Dual Row:04~80-4~80Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER S/T TYPE BASE 5.0mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  7  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type:

1-Single Row

4-Dual Row

$c$ =Type Option

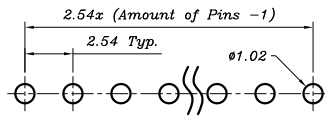
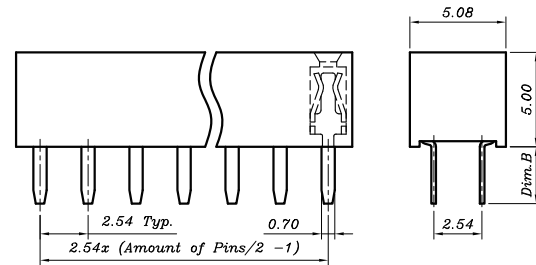
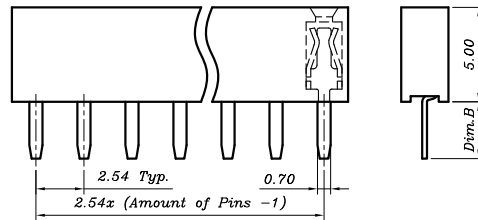
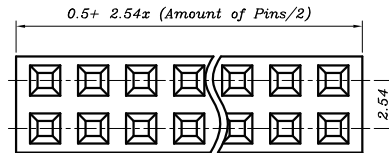
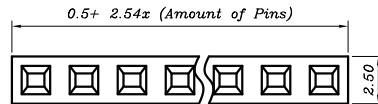
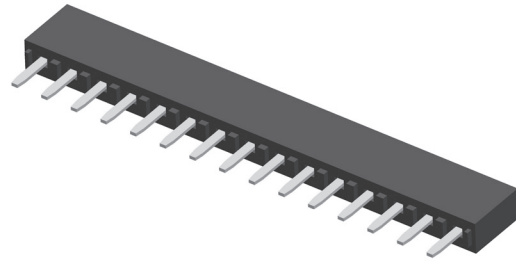
Dim.B-2.85mm

$d$ =Single Row:03~40-3~40 Pins

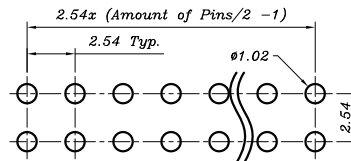
Dual Row:04~80-4~80 Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER ELEVATED TYPE SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{1}{b}$  9  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type:

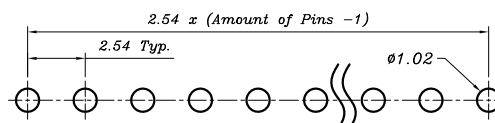
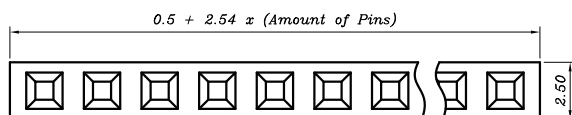
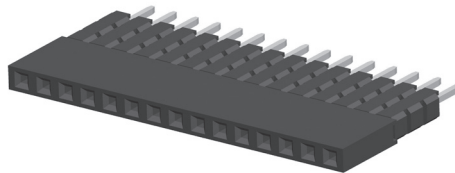
1-Single Row

$c$ =Type Option

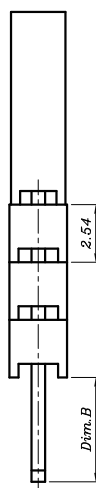
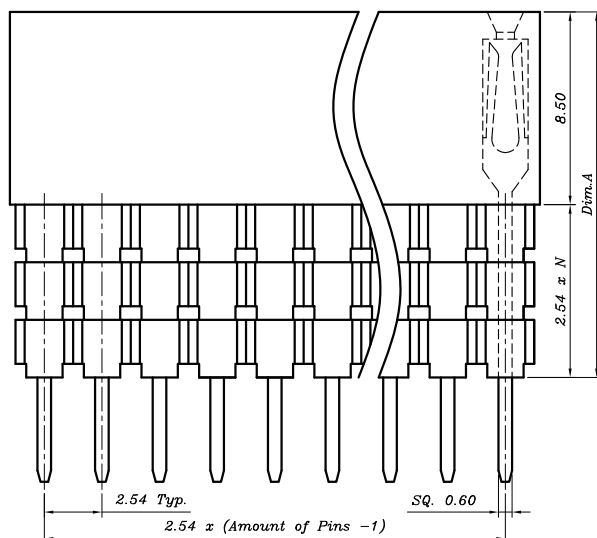
$d$ =02~40-2~40Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### Dimension Information :

P/N:	N	Dim.A	Dim.B
XP90-01191-XXTX	1	11.04	2.50
XP90-01192-XXTX	1	11.04	7.35
XP90-01193-XXTX	1	11.04	12.20
XP90-01194-XXTX	2	13.58	4.85
XP90-01195-XXTX	2	13.58	9.65
XP90-01196-XXTX	3	16.12	2.30
XP90-01197-XXTX	3	16.12	7.10
XP90-01198-XXTX	3	16.12	4.60
XP90-01199-XXTX	4	18.66	4.60
XP90-0119A-XXTX	5	21.20	2.00

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

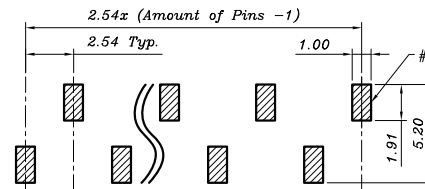
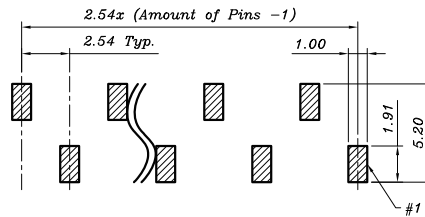
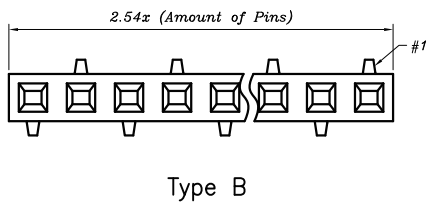
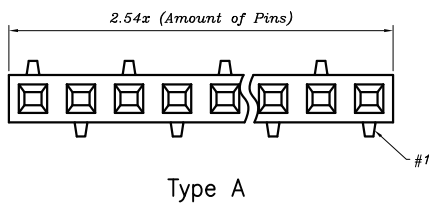
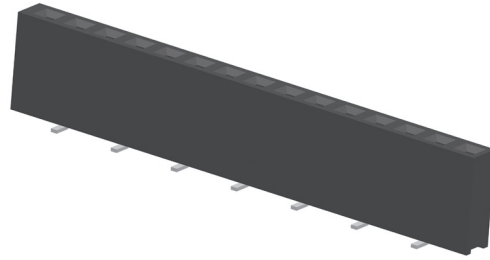
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 2.54mm FEMALE HEADER SMT TYPE SINGLE ROW BASE 4.9mm

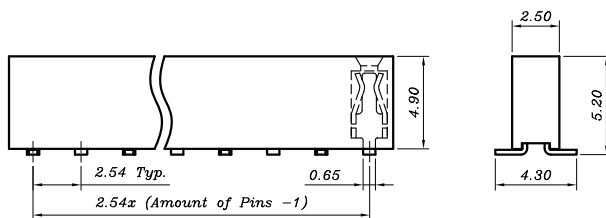
## ORDER INFORMATION

$\frac{X}{a}$  P90-0120  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =SMT Type:  
1-Type A  
4-Type B
- $c$ =Single Row:02~40-2~40Pins
- $d$ =Packing Option
- $e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

- Current Rating : 3A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 1000V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER R/A TYPE BASE 8.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

3-Single Row

6-Dual Row

$c$ =Type Option

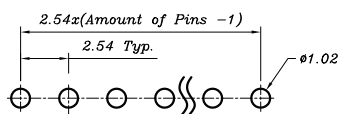
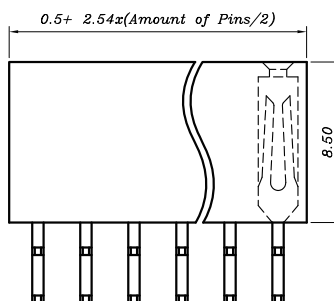
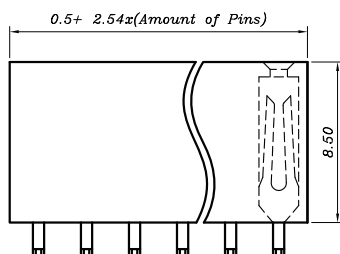
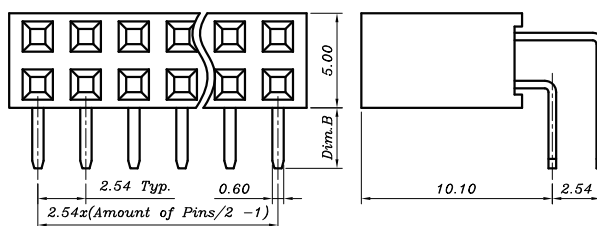
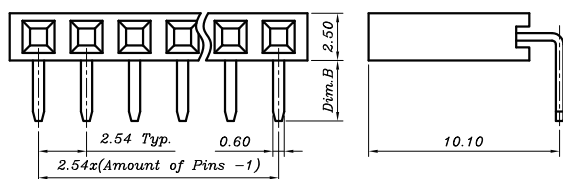
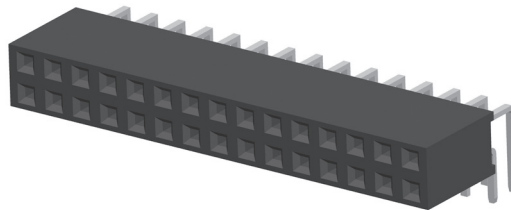
Dim.B-3.4mm 8.0mm

$d$ =Single Row:02~40-2~40 Pins

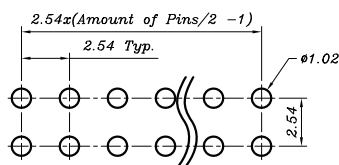
Dual Row:04~80-4~80 Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

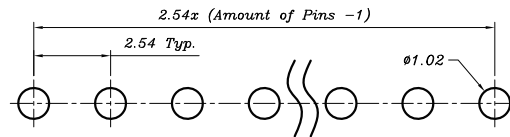
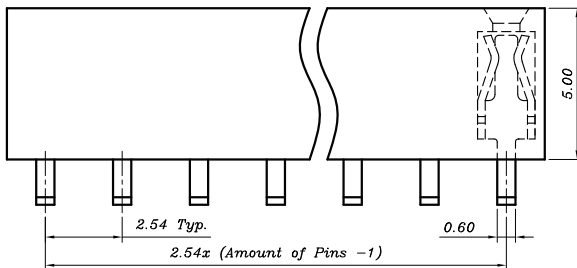
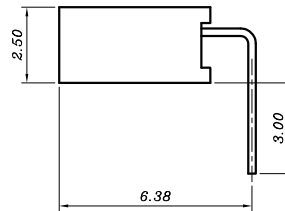
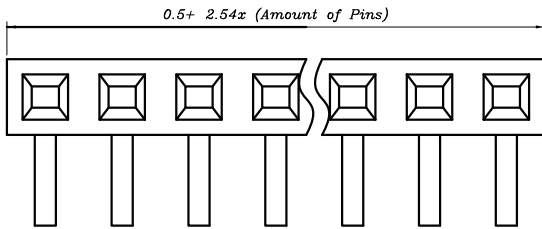
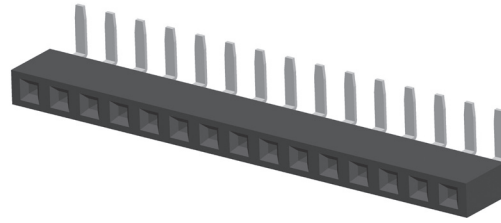
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

**2.54mm FEMALE HEADER R/A TYPE LOW PROFILE BASE 5.0mm**

**ORDER INFORMATION**

$\frac{X}{a} P 90-01370 - \frac{XX}{b} \frac{X}{c} \frac{X}{d}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=03~40-3~40Pins
- c=Packing Option
- d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

**SPECIFICATION**

- Current Rating : 3A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 1000V
- Operating Temperature : -40°C ~ 105°C

## 2.54mm FEMALE HEADER SIDE ENTRY

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  A0 -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

3-Single Row

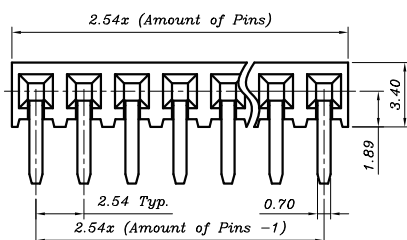
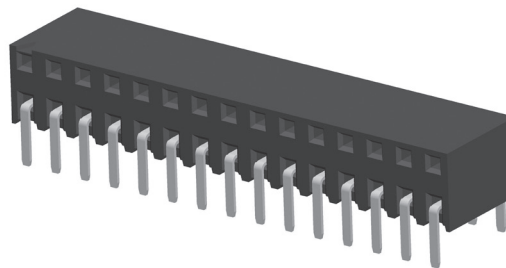
6-Dual Row

$c$ =Single Row:02~40-2~40Pins

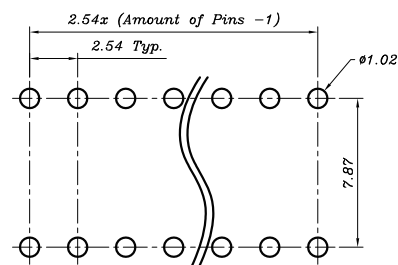
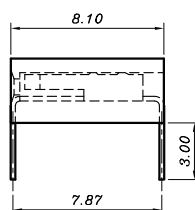
Dual Row:04~80-4~80Pins

$d$ =Packing Option

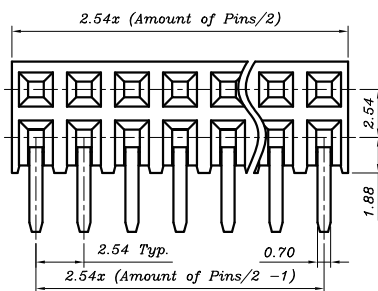
$e$ =Plating Option



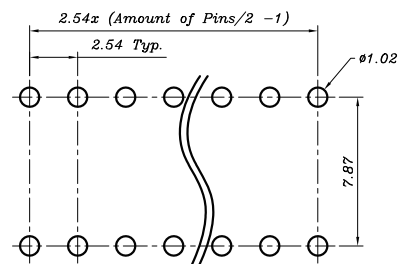
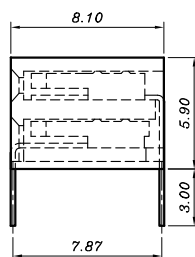
Single Row  
XP90-013A0-XXT1



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Dual Row  
XP90-016A0-XXT1



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PITCH SOCKET VERTICAL TYPE DUAL ENTRY DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-0140  $\frac{5}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$\alpha$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option(Solder Width)

5-5.08mm

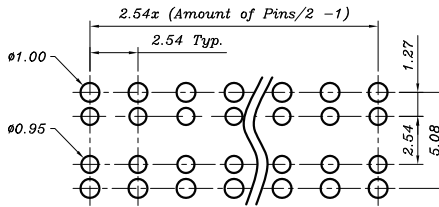
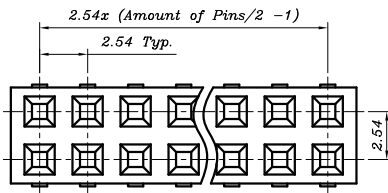
$c$ =04~80-4~80Pins

$d$ =Packing Option

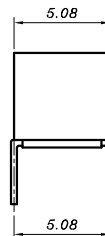
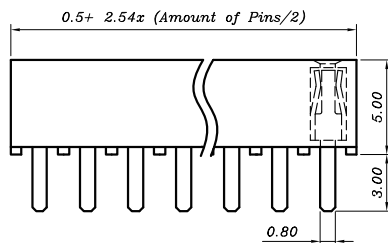
$e$ =Plating Option



XP90-01405-XXT1  
Solder Width: 5.08mm



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER DUAL ENTRY DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-01407-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

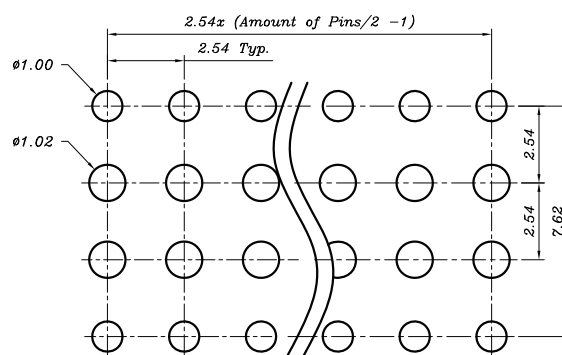
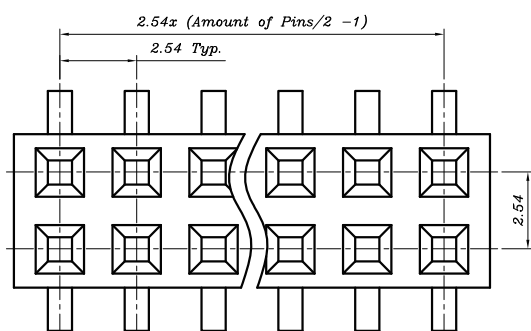
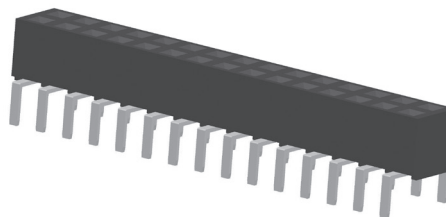
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

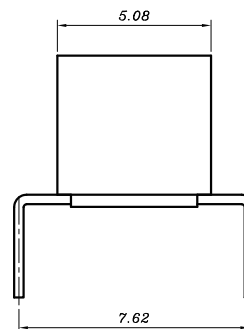
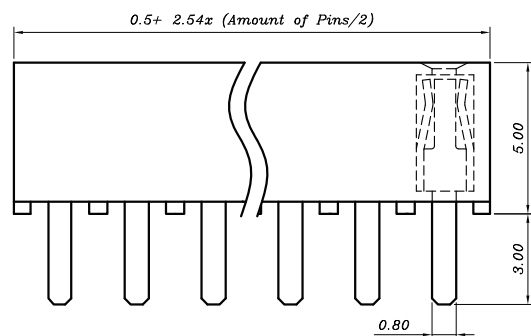
$b$ =04~80-4~80Pins

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER S/T TYPE DUAL ROW WITH BUMP

### ORDER INFORMATION

$\frac{X}{a}$  P90-0143  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$\alpha$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

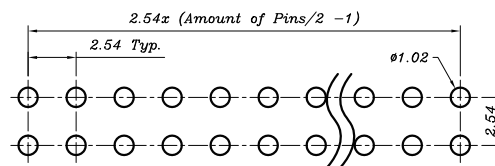
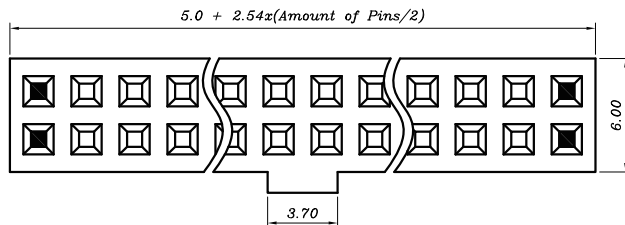
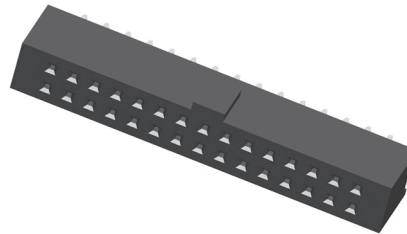
Dim.B-3.2mm,6.0mm,11.0mm

$c$ =Single Row:02~40-2~40Pins

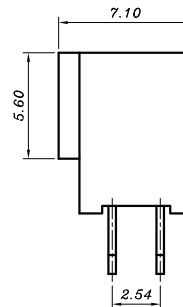
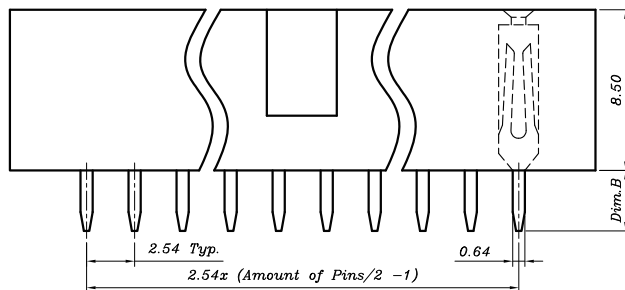
Dual Row:04~80-4~80Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER ELEVATED TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{4}{b}$   $\frac{9}{c}$   $\frac{X}{d}$   $\frac{XX}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type:

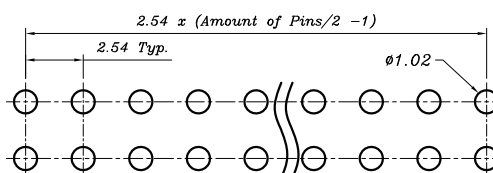
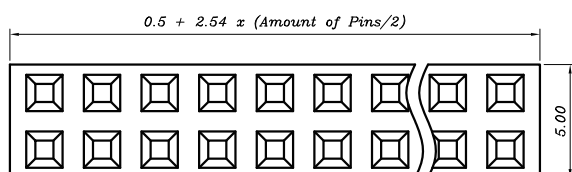
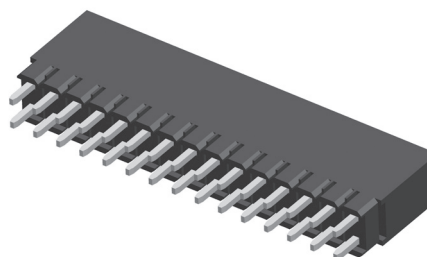
4-Dual Row

$c$ =Type Option

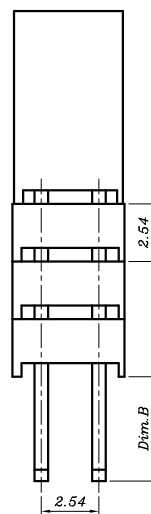
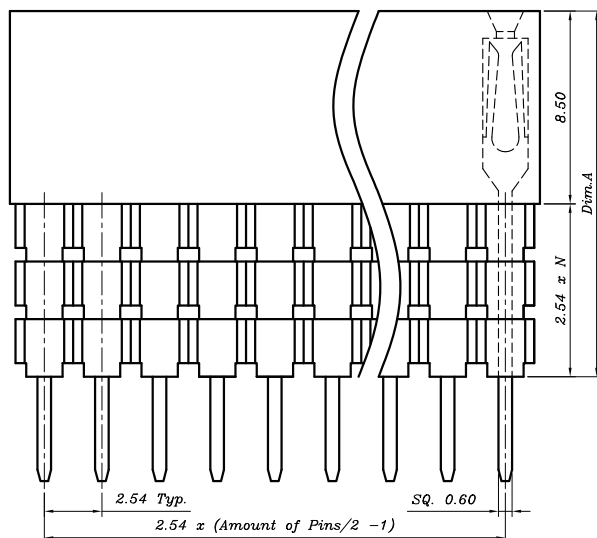
$d$ =04~80-4~80 Pins

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



Dimension Information :

P/N:	N	Dim.A	Dim.B
XP90-01491-XXXX	1	11.04	2.50
XP90-01492-XXXX	1	11.04	7.35
XP90-01493-XXXX	1	11.04	12.20
XP90-01494-XXXX	2	13.58	4.85
XP90-01495-XXXX	2	13.58	9.65
XP90-01496-XXXX	3	16.12	2.30
XP90-01497-XXXX	3	16.12	7.10
XP90-01498-XXXX	3	16.12	4.60
XP90-01499-XXXX	4	18.66	4.60
XP90-0149A-XXXX	5	21.20	2.00

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 2.54mm FEMALE HEADER SMT TYPE DUAL ROW BASE 7.1mm

## ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{X}{b}$  51-  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Post Option:

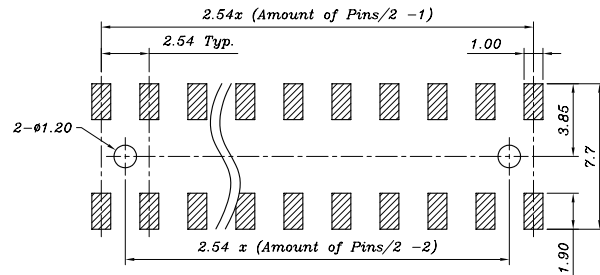
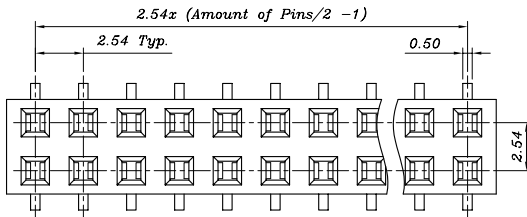
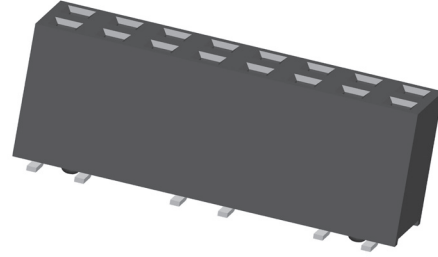
5-Without Post

B-With Post

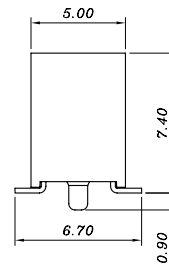
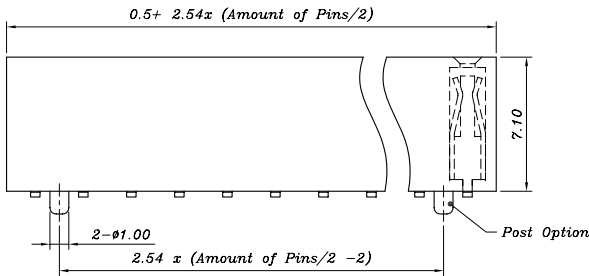
$c$ =04~80-4~80Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



## SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FEMALE HEADER R/A TYPE DUAL ROW WITH BUMP

### ORDER INFORMATION

$\frac{X}{a}$  P90-0163  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

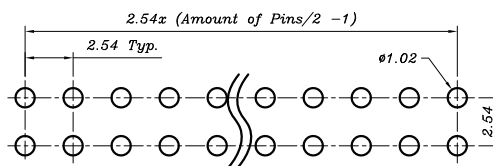
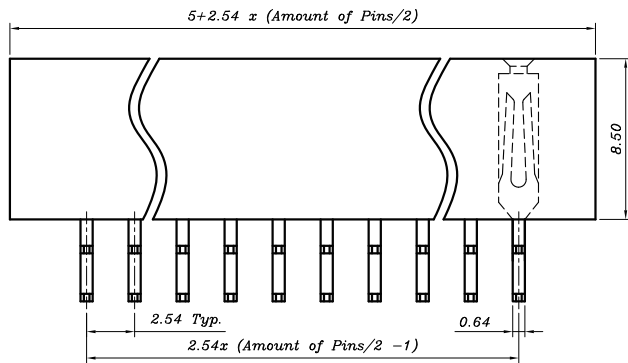
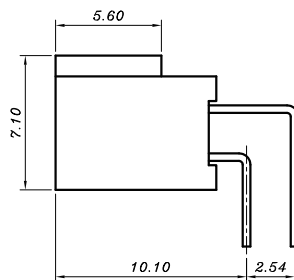
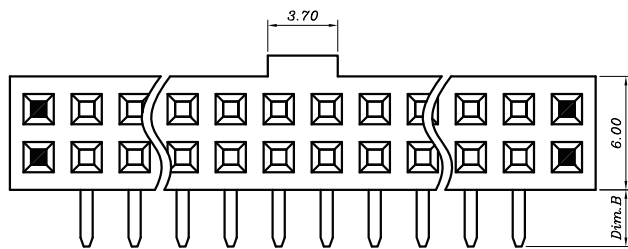
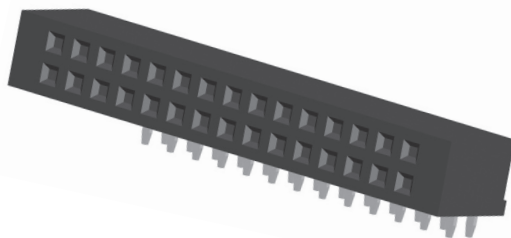
Dim.B-3.2mm,8.0mm

$c$ =Single Row:02~40-2~40Pins

Dual Row:04~80-4~80Pins

$d$ =Packing Option

$e$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

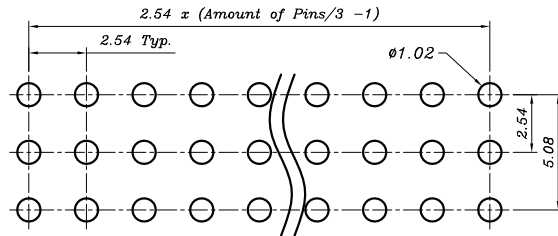
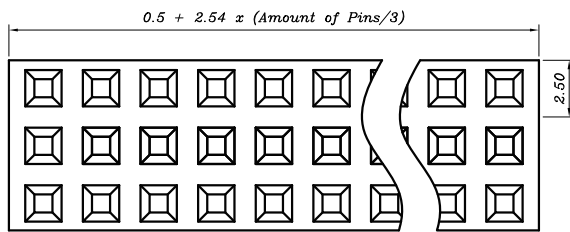
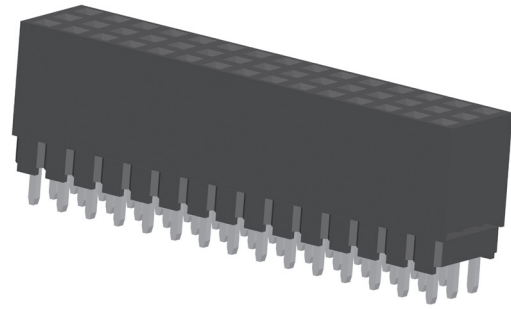
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 2.54mm FEMALE HEADER ELEVATED TYPE TRIPLE ROW

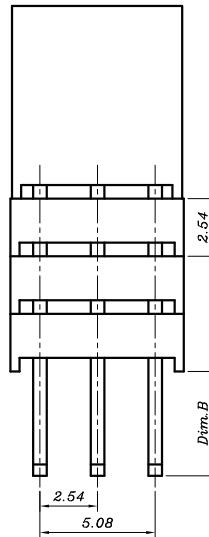
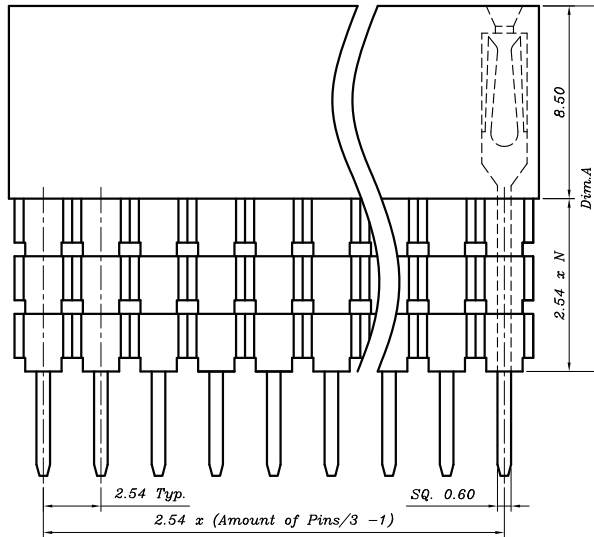
## ORDER INFORMATION

$\frac{X}{a}$  P90-01  $\frac{7}{b}$  9  $\frac{X}{c}$ -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =Row Type:  
7-Triple Row
- $c$ =Type Option
- $d$ =09~C0-9~120Pins
- $e$ =Packing Option
- $f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

- Current Rating : 3A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 1000V
- Operating Temperature : -40°C ~ 105°C

### Dimension Information :

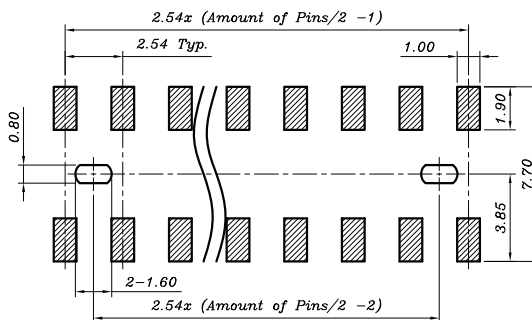
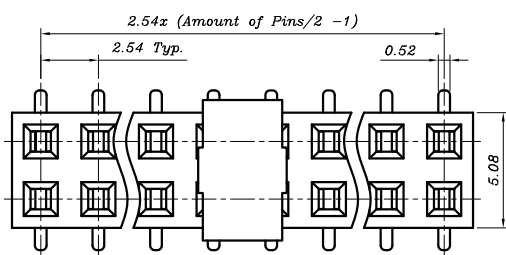
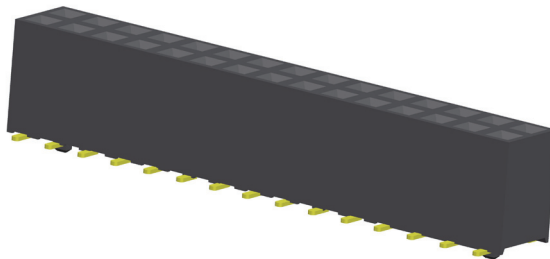
P/N:	N	Dim.A	Dim.B
XP90-01791-XXXX	1	11.04	2.50
XP90-01792-XXXX	1	11.04	7.35
XP90-01793-XXXX	1	11.04	12.20
XP90-01794-XXXX	2	13.58	4.85
XP90-01795-XXXX	2	13.58	9.65
XP90-01796-XXXX	3	16.12	2.30
XP90-01797-XXXX	3	16.12	7.10
XP90-01798-XXXX	3	16.12	4.60
XP90-01799-XXXX	4	18.66	4.60
XP90-0179A-XXXX	5	21.20	2.00

# 2.54mm FEMALE HEADER SMT TYPE DUAL ROW BASE 7.25mm

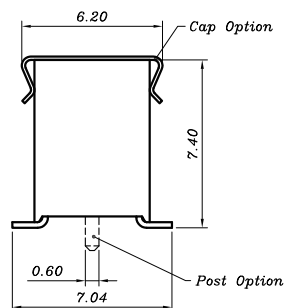
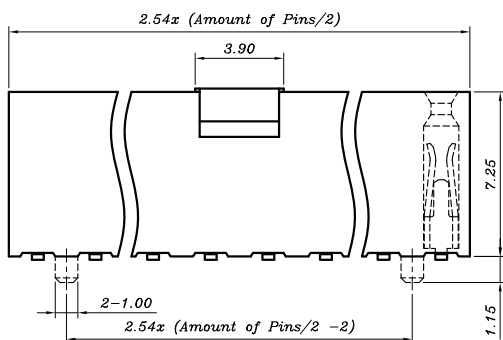
## ORDER INFORMATION

TPE0-2  $\frac{X}{a}$  0  $\frac{XX}{b}$  -00  $\frac{X}{c}$   $\frac{X}{d}$

- a=1-With Post  
2-Without Post
- b=16-16Pins  
30-30Pins(only Without Post)
- c=Packing Option
- d=Plating Option



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



## SPECIFICATION

- Current Rating : 3A
- Contact Resistance : 20m ohms Max.
- Dielectric Withstanding : AC 500V
- Operating Temperature : -40°C ~ 105°C

## 2.54mm PITCH SOCKET SINGLE ROW

### ORDER INFORMATION

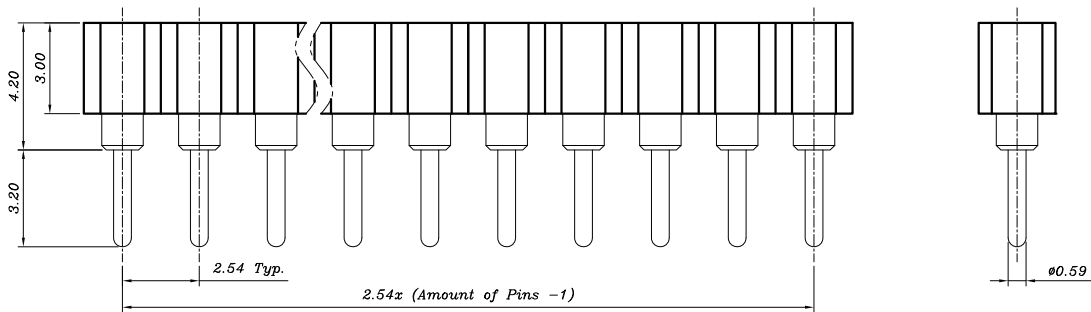
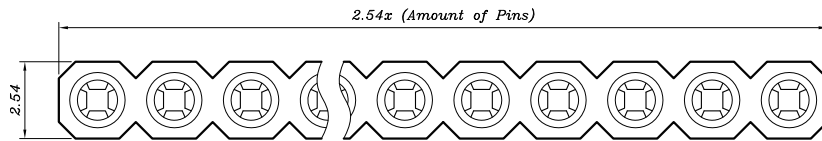
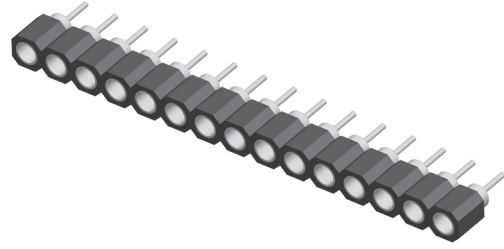
TPE0-021  $\frac{XX}{a}$  -00  $\frac{X}{b}$   $\frac{H}{c}$

$a$ =02~40-2~40Pins

$b$ =Packing Option

$c$ =H-Clip 30u" Gold Overall

Sleeve 200u" Tin Overall



## 2.54mm PIN HEADER S/T TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

1-Single Row

4-Dual Row

$c$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

$d$ =Single Row 02~40-2~40 Pins

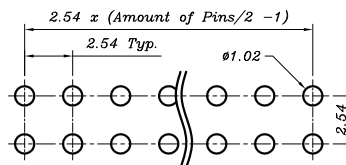
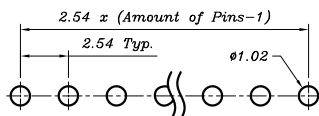
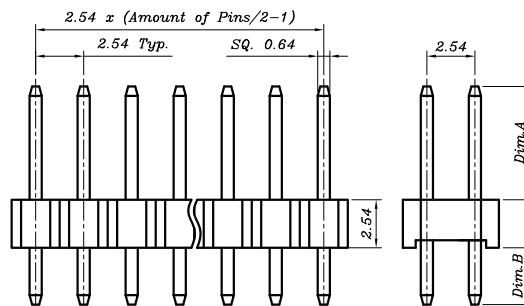
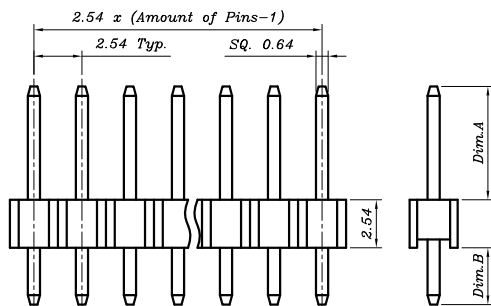
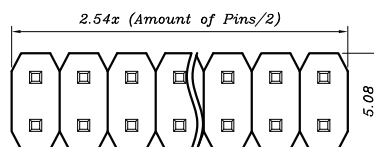
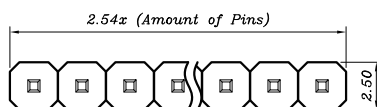
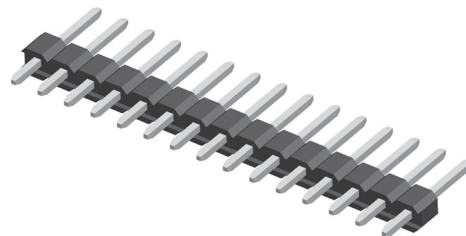
Dual Row 04~80-4~80 Pins

$e$ =Packing Option

$f$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

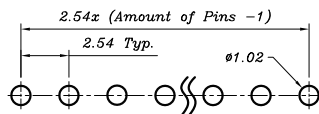
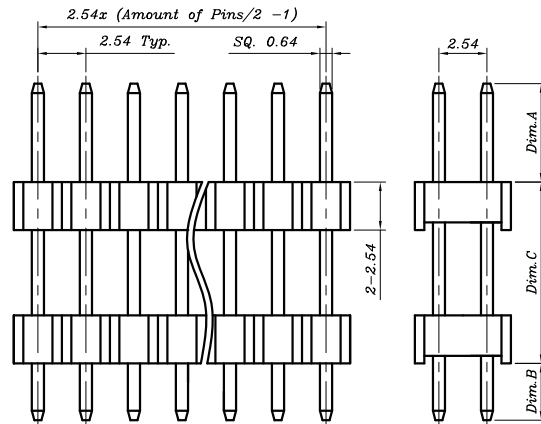
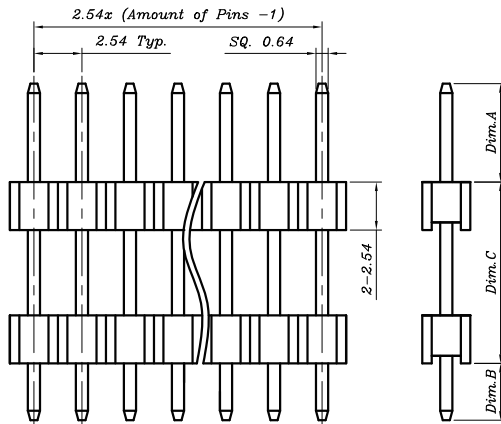
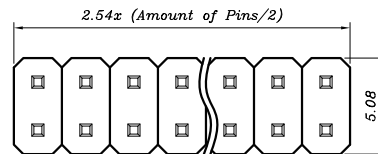
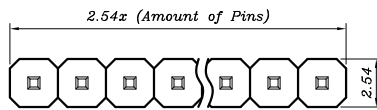
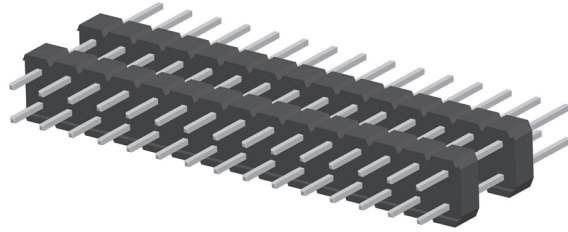
## 2.54mm PIN HEADER S/T STACK TYPE

### ORDER INFORMATION

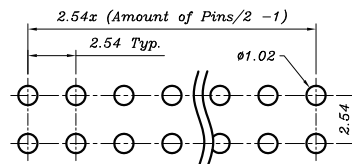
$\frac{X}{a}$  P91-01  $\frac{X}{b}$  3  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- a=Y-RoHS  
Z-RoHS(for High Temperature)
- b=Row Type  
1-Single Row  
4-Dual Row
- c=Type Option  
Pin Length (Dim.A/Dim.B/Dim.C)  
Customer Length Available
- d=Single Row:02~40-2~40Pins  
Dual Row:04~80-4~80 Pins
- e=Packing Option
- f=Plating Option

\*Dim.A:6.0mm/Dim.C:10.4mm/Dim.B:3.0mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

### SPECIFICATION

- Current Rating : 3A
- Dielectric Withstanding : AC 1000V
- Operating Temperature : -40°C ~ 105°C

## 2.54mm PIN HEADER S/T STACK TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  6  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$\alpha$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

1-Single Row

4-Dual Row

$c$ =Type Option

Pin Length (Dim.A/Dim.B/Dim.C)

Customer Length Available

$d$ =Single Row:02~40-2~40Pins

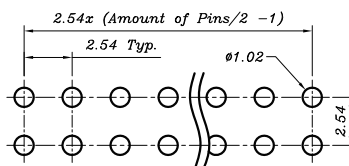
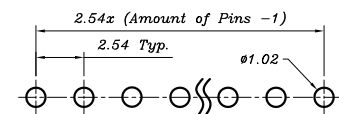
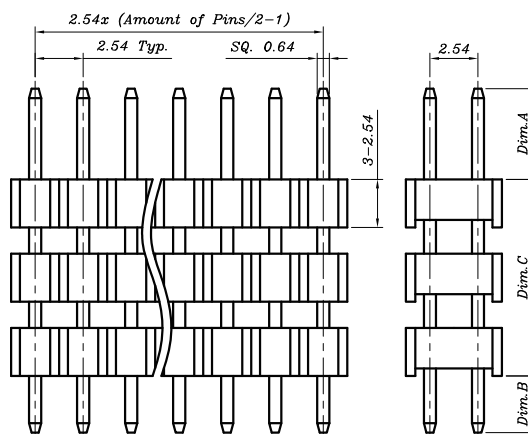
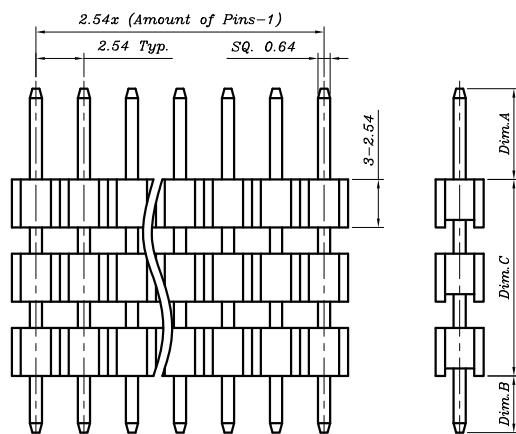
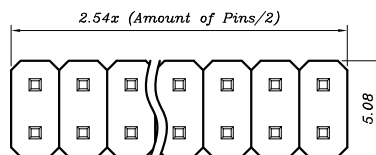
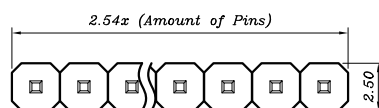
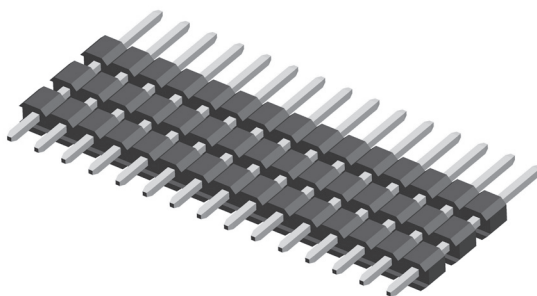
Dual Row:04~80-4~80Pins

$e$ =Packing Option

$f$ =Plating Option

\*Dim.A:6.0mm/Dim.C:10.4/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER SMT TYPE SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0120  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Type A, Type B

Pin Length (Dim.A/Dim.B)

Customer Length Available

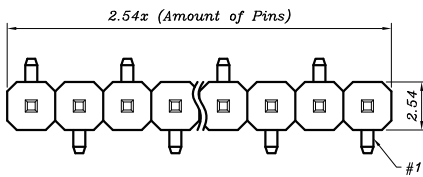
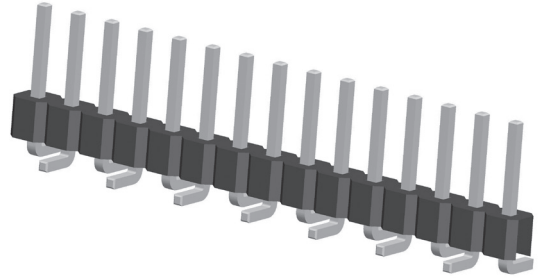
$c$ =02~40-2~40Pins

$d$ =Packing Option

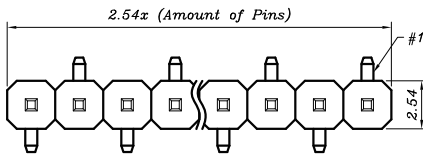
$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.3mm

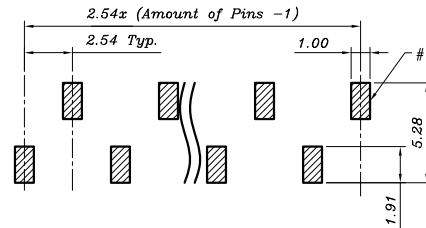
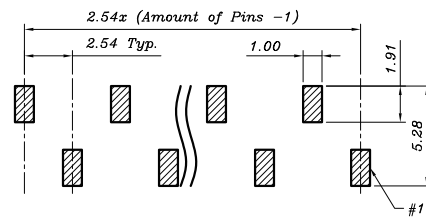
(\*=Standard)



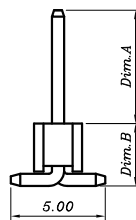
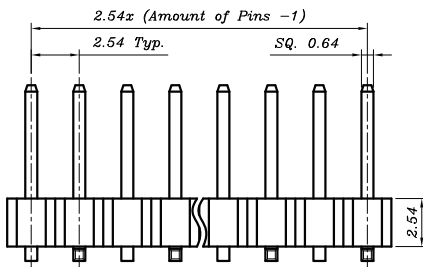
Type A



Type B



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER SMT R/A TYPE SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  5  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Post Option:

2-Without Post

A-With Post

$c$ =Type Option

Pin Length (Dim.A)

Customer Length Available

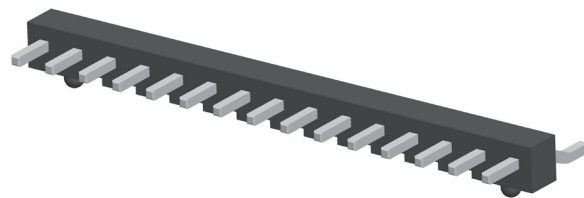
$d$ =02~30-2~30Pins

$e$ =Packing Option

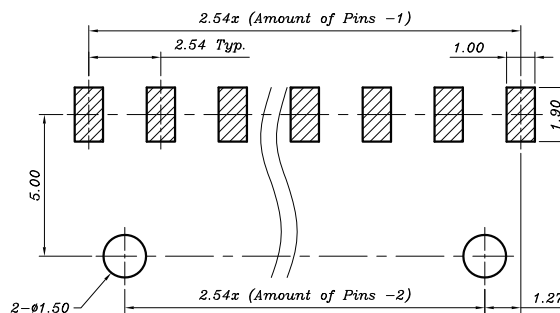
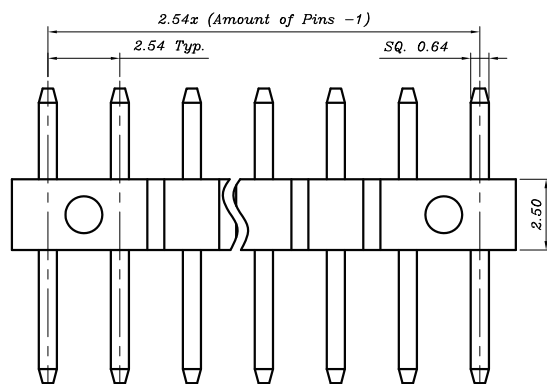
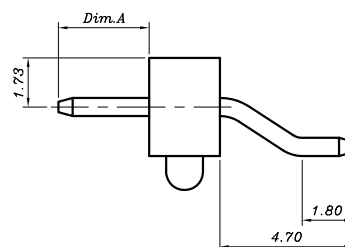
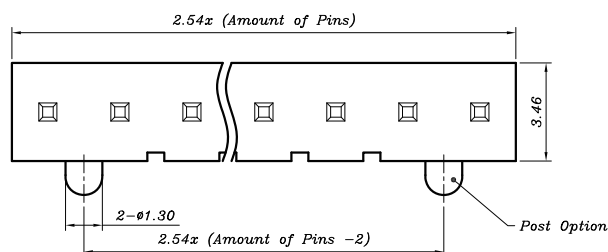
$f$ =Plating Option

\*Dim.A:3.2mm

(\*=Standard)



0999-P01502



Recommended P.C.B. Layout

Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER R/A TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  0  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Row Type

3-Single Row

6-Dual Row

$c$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

$d$ =Single Row-02~40-2~40Pins

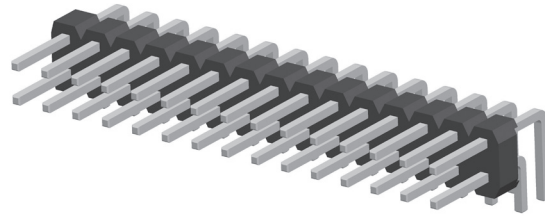
Dual Row-04~80-4~80Pins

$e$ =Packing Option

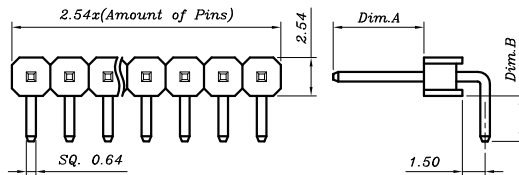
$f$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

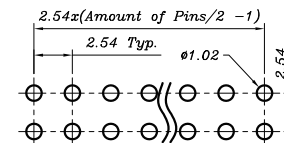
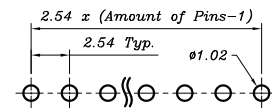
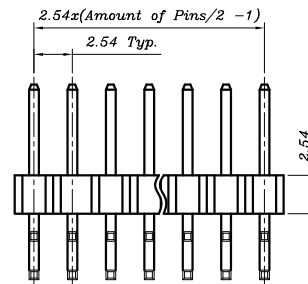
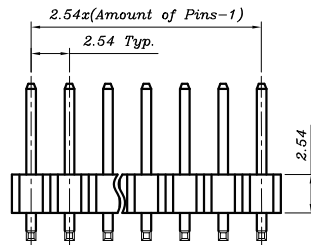
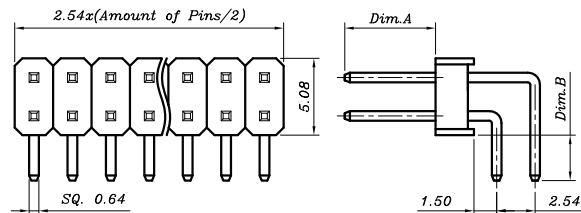
(\*=Standard)



Single Row  
XP91-0130X-XXB1



Dual Row  
XP91-0160X-XXB1



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER UP ANGLE SINGLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0133  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

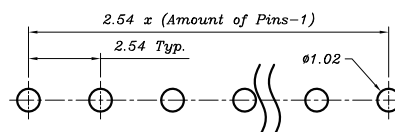
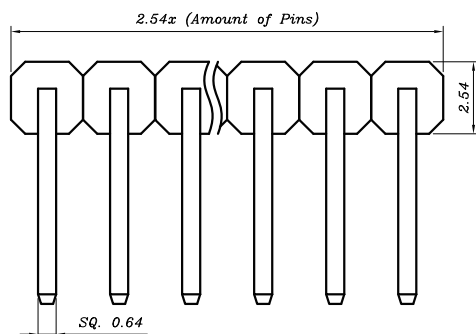
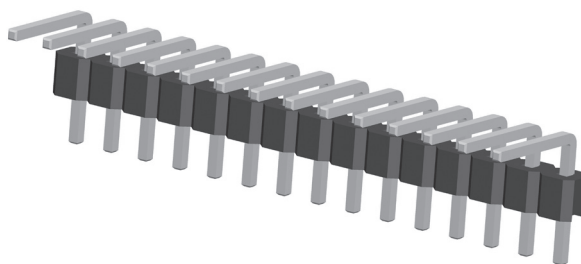
$c$ =02~40-2~40Pins

$d$ =Packing Option

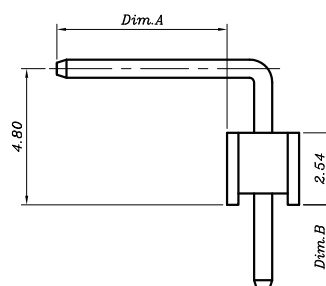
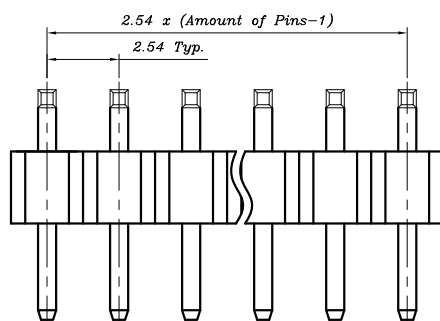
$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER S/T TYPE DUAL ROW BASE 1.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-0145  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

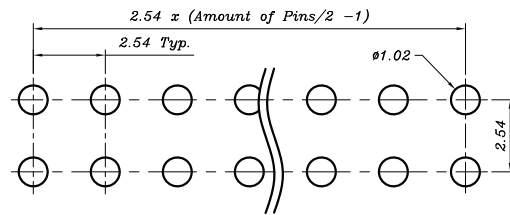
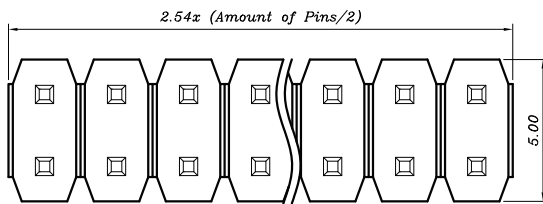
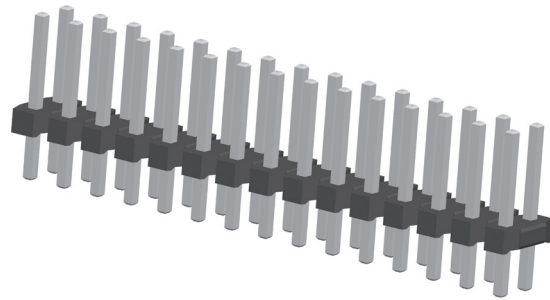
$c$ =04~80-4~80Pins

$d$ =Packing Option

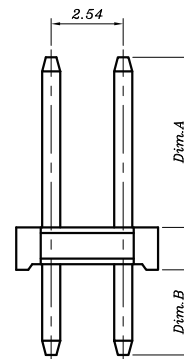
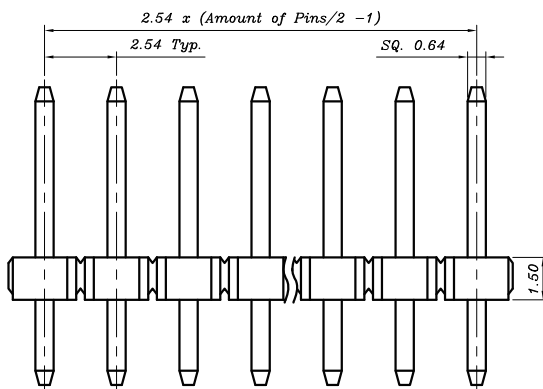
$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER SMT TYPE DUAL ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0150  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A,Dim.B,Dim.W)

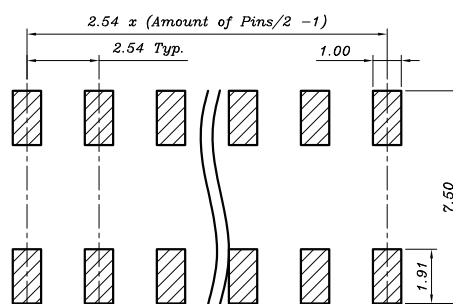
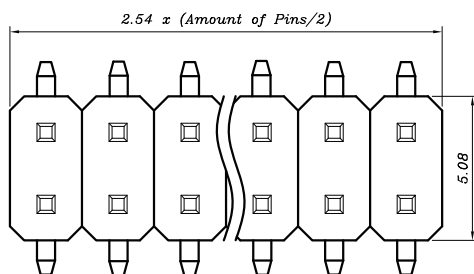
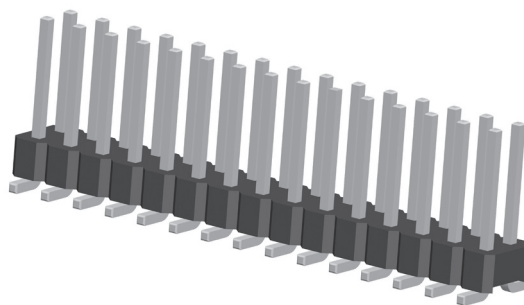
Customer Length Available

$c$ =04~80-4~80Pins

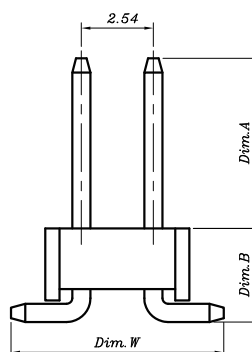
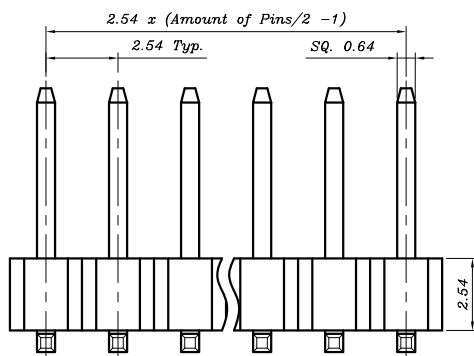
$d$ =Packing Option

$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.3mm/Dim.W:7.50mm  
(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 2.54mm PIN HEADER SMT R/A TYPE DUAL ROW

## ORDER INFORMATION

$\frac{X}{a}$  P91-0155  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A)

Customer Length Available

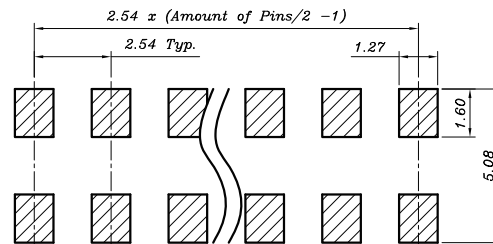
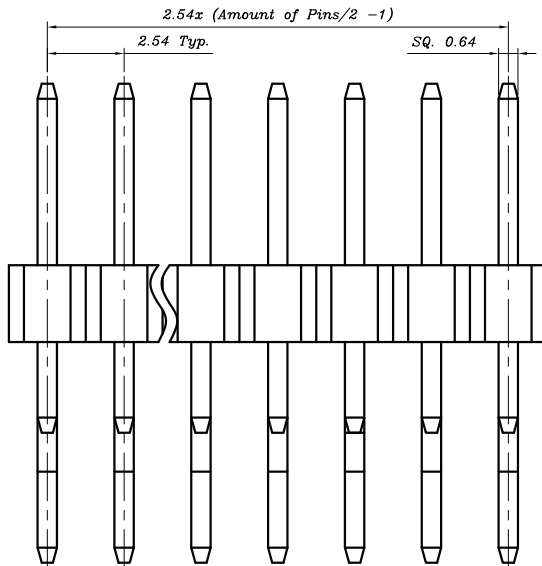
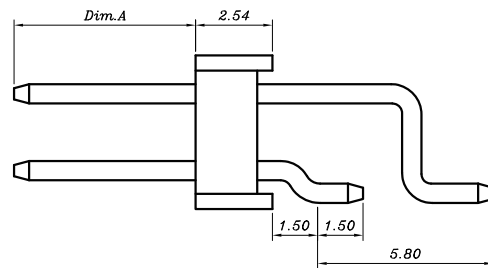
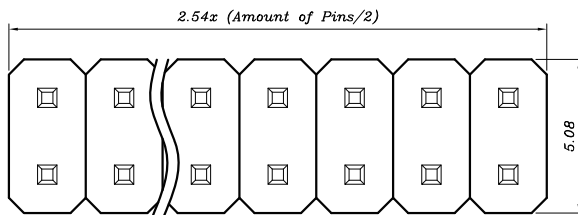
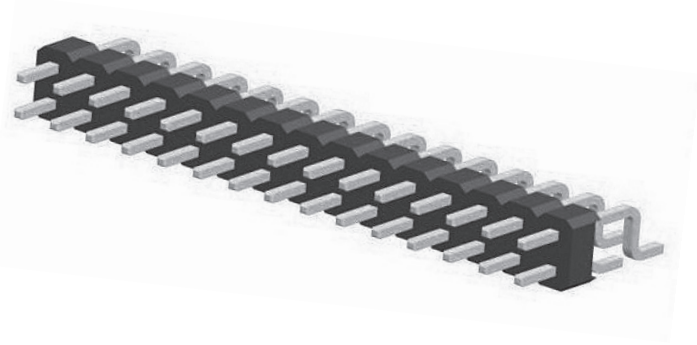
$c$ =02~30-2~30Pins

$d$ =Packing Option

$e$ =Plating Option

\*Dim.A:7.1mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature : -40°C ~ 105°C

## 2.54mm PIN HEADER S/T TYPE TRIPLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0170  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

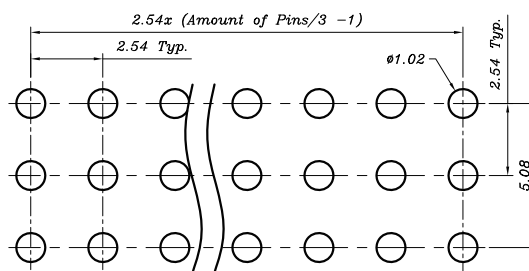
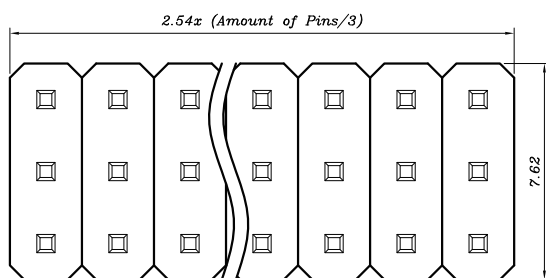
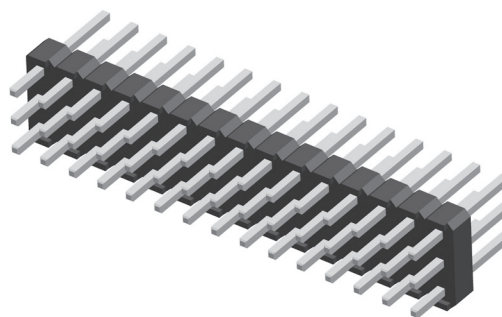
$c$ =09~C0-9~120Pins

$d$ =Packing Option

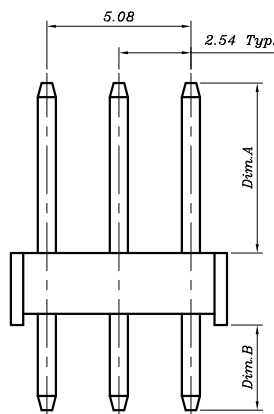
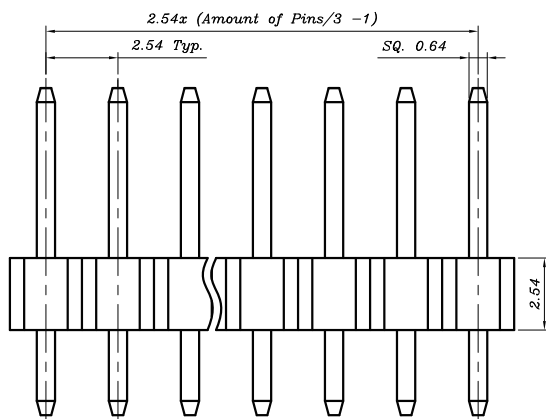
$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm PIN HEADER R/A TYPE TRIPLE ROW

### ORDER INFORMATION

$\frac{X}{a}$  P91-0180  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Type Option

Pin Length (Dim.A/Dim.B)

Customer Length Available

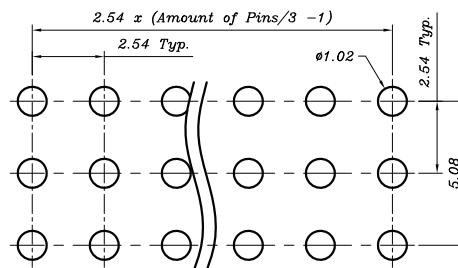
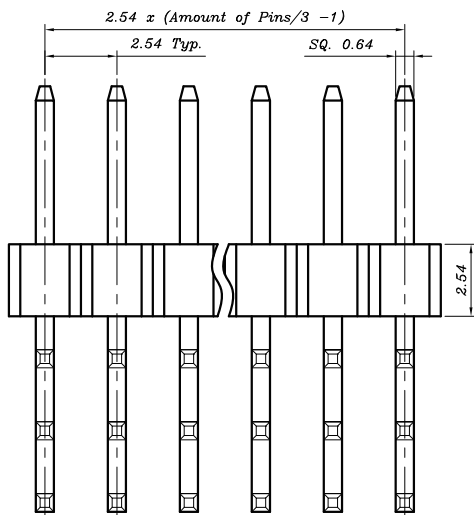
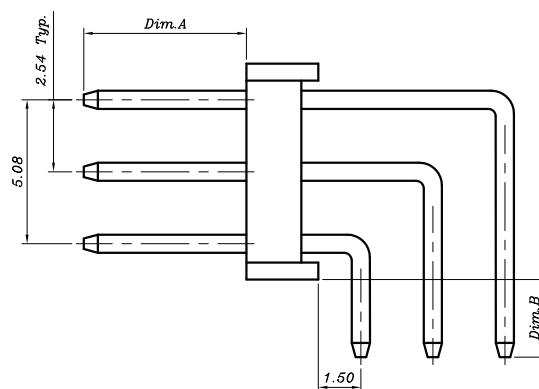
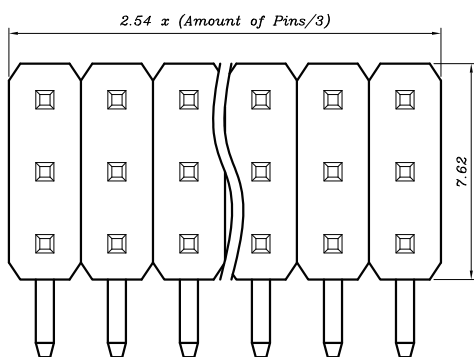
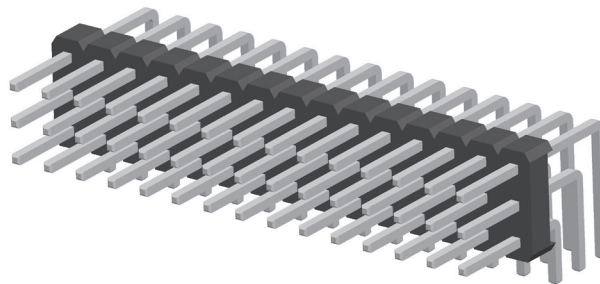
$c$ =09~C0-9~120Pins

$d$ =Packing Option

$e$ =Plating Option

\*Dim.A:6.0mm/Dim.B:3.0mm

(\*=Standard)



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 1000V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm BOX HEADER S/T TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-014B1-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

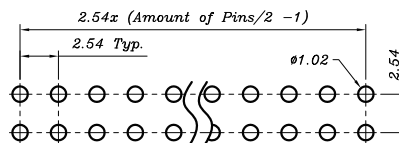
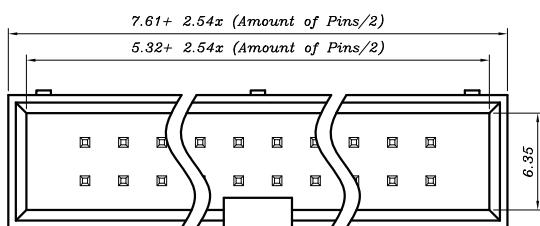
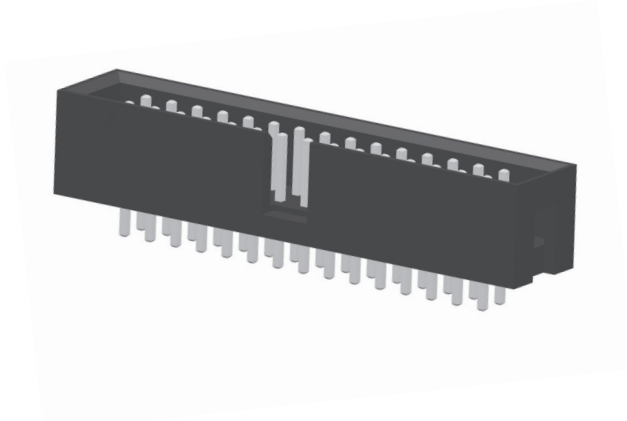
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

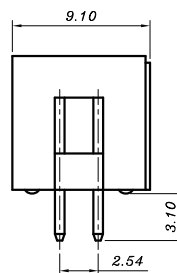
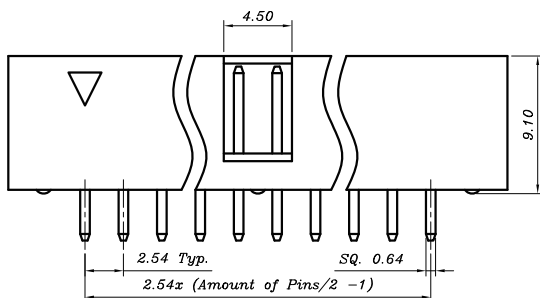
$b$ =Amount of Pins-08,10,12,14,16,20,24,26,  
30,34,36,40,44,50,60,64

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

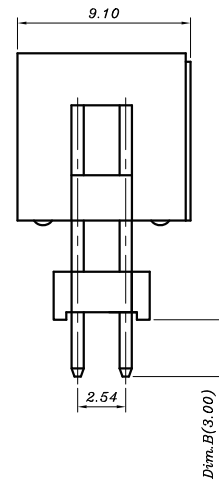
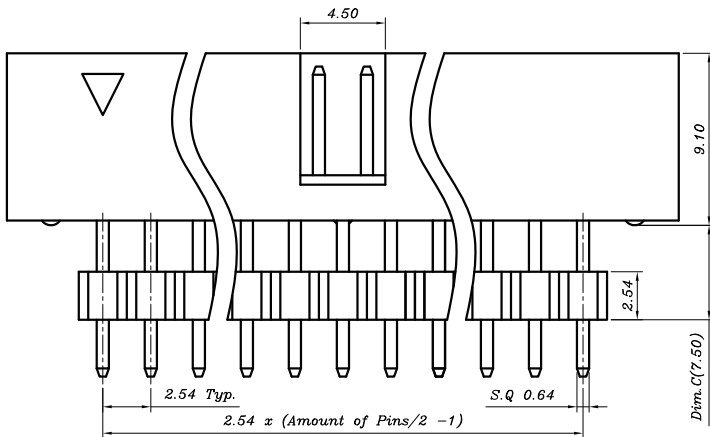
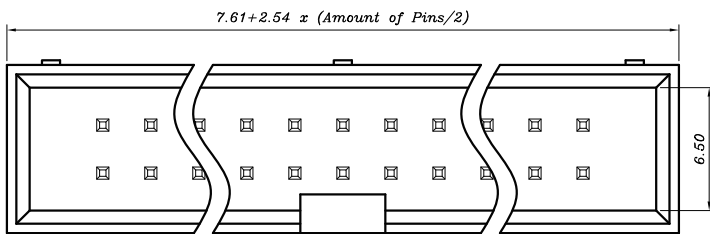
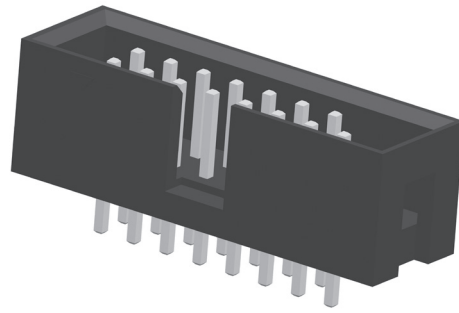
## 2.54mm BOX HEADER S/T STACK TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-014B  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

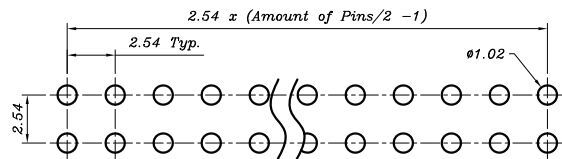
$a$ =Y-RoHS  
 Z-RoHS(for High Temperature)  
 $b$ =Type Option  
 Pin Length (Dim.B/Dim.C)  
 Customer Length Available  
 $c$ =08~64-8~64Pins  
 $d$ =Packing Option  
 $e$ =Plating Option

\*Dim.B:3.0mm  
 (\*=Standard)



### SPECIFICATION

Current Rating : 3A  
 Dielectric Withstanding : AC 500V  
 Operating Temperature : -40°C ~ 105°C



Recommended P.C.B. Layout  
 Layout Tolerance = ± 0.05 mm

## 2.54mm BOX HEADER SMT TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  B  $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =5-Without Post

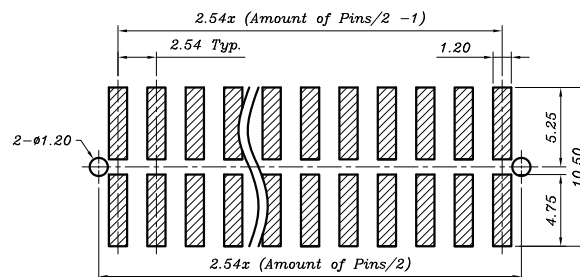
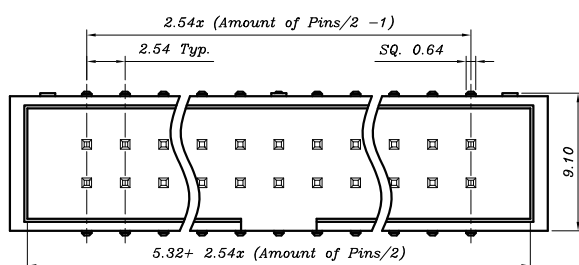
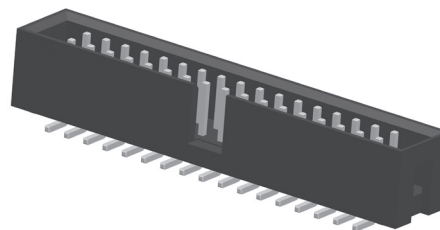
B-With Post

$c$ =Type Option

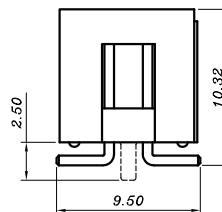
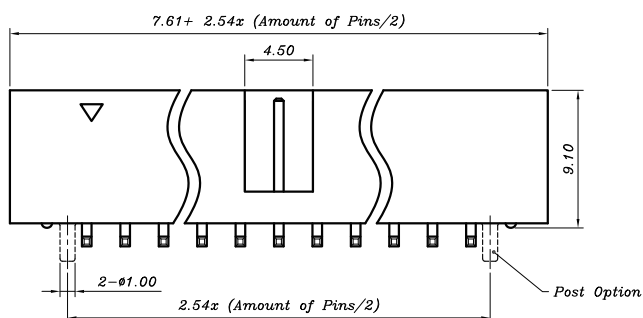
$d$ =Amount of Pins-08,10,12,14,16,20,24,26,  
30,34,36,40,44,50,60,64

$e$ =Packing Option

$f$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm BOX HEADER R/A TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-016B1-  $\frac{XX}{b}$   $\frac{X}{c}$   $\frac{X}{d}$

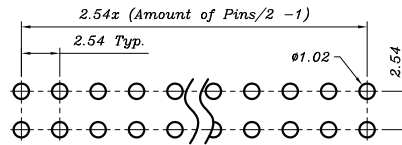
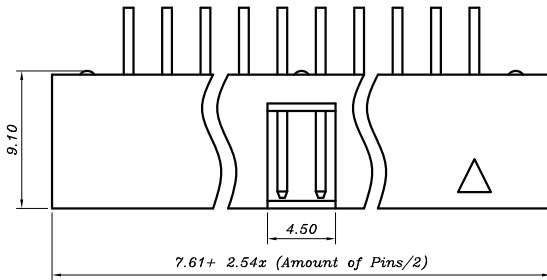
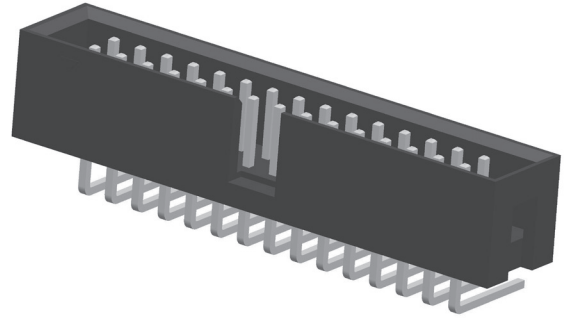
$a$ =Y-RoHS

Z-RoHS(for High Temperature)

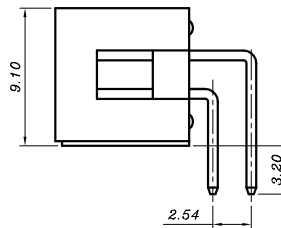
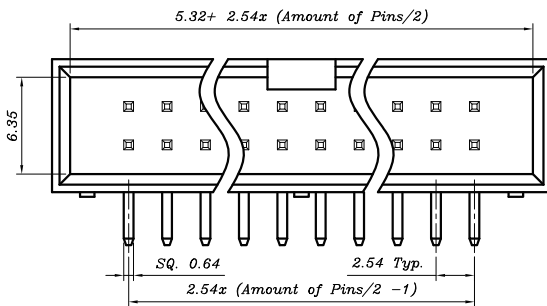
$b$ =Amount of Pins-08,10,12,14,16,20,24,26,  
30,34,36,40,44,50,60,64

$c$ =Packing Option

$d$ =Plating Option



Recommended P.C.B. Layout  
Layout Tolerance =  $\pm 0.05$  mm



### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 500V

Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm FULLY LATCH HEADER S/T TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-014S  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Latch Option:

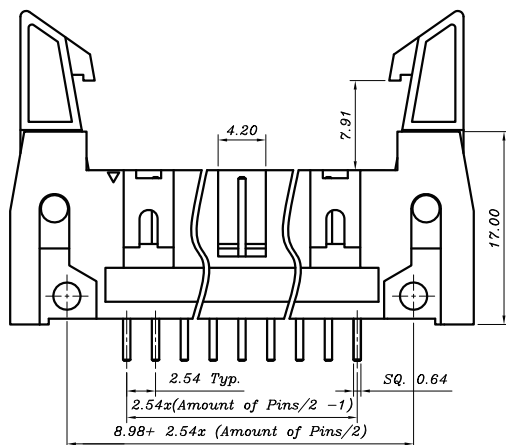
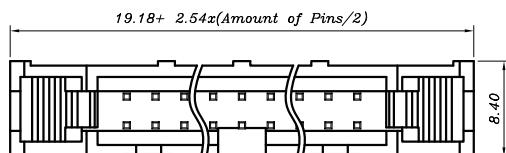
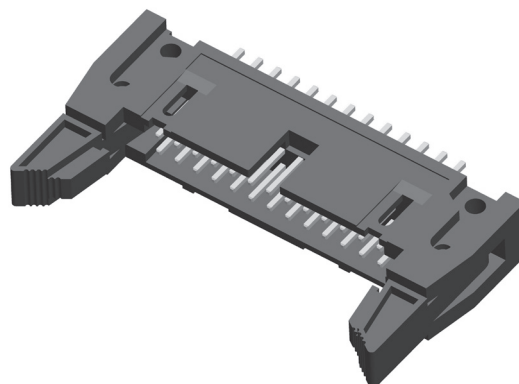
1-Long Latch

2-Short Latch

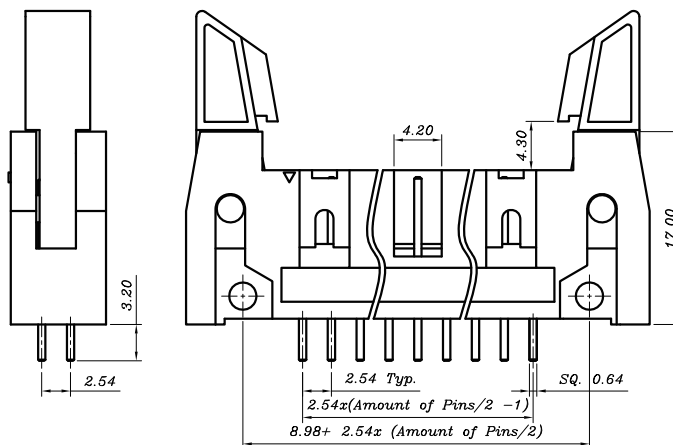
$c$ =Amount of Pins-10,14,16,20,24,26,  
30,34,40,50,60,64

$d$ =Packing Option

$e$ =Plating Option



Long Latch  
XP91-014S1-XXY1



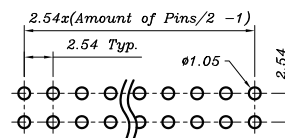
Short Latch  
XP91-014S2-XXY1

### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## 2.54mm FULLY LATCH HEADER R/A TYPE

### ORDER INFORMATION

$\frac{X}{a}$  P91-016S  $\frac{X}{b}$  -  $\frac{XX}{c}$   $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Latch Option:

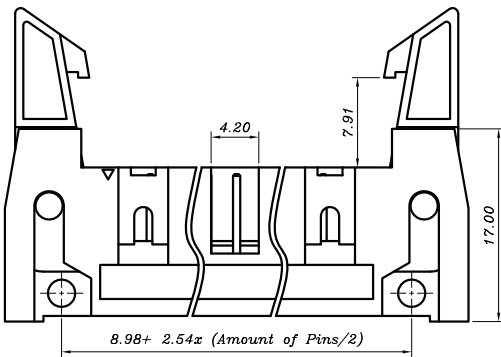
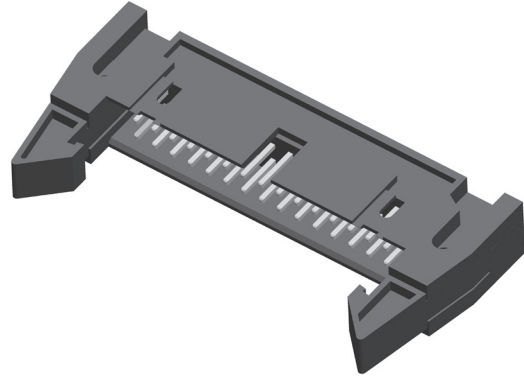
1-Long Latch

2-Short Latch

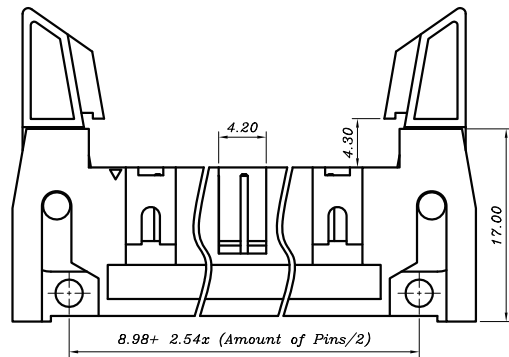
$c$ =Amount of Pins-10,14,16,20,24,26,  
30,34,40,50,60,64

$d$ =Packing Option

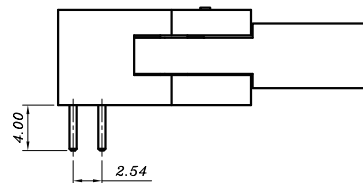
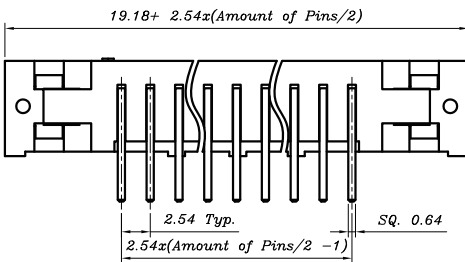
$e$ =Plating Option



Long Latch  
XP91-016S1-XXY1



Short Latch  
XP91-016S2-XXY1

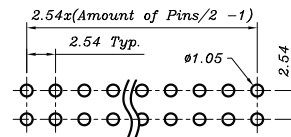


### SPECIFICATION

Current Rating : 3A

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C



Recommended P.C.B. Layout  
Layout Tolerance = ± 0.05 mm

## 2.54mm IDC SOCKET

### ORDER INFORMATION

$\frac{X}{a}$  I90-101  $\frac{X}{b} \frac{X}{c}$  -  $\frac{XX}{d} \frac{X}{e} \frac{X}{f}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Strain Relief Option:

1-Without Strain Relief

2-With Strain Relief

3-With Special S/R(10P,26P,34P,40P)

$c$ =Bump Option / Terminal Material:

1-With Bump / Phosphor Bronze

2-With Bump / Brass

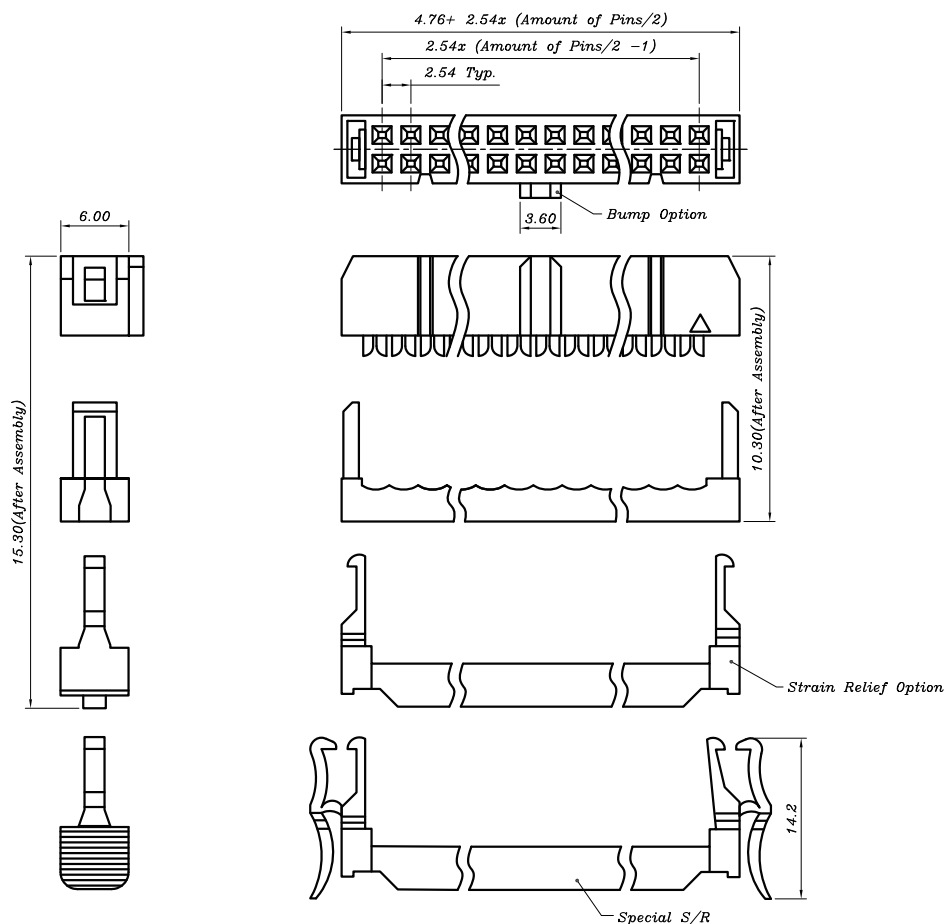
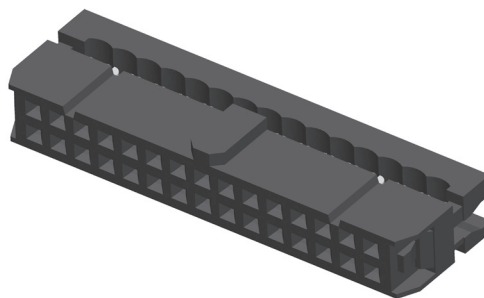
3-Without Bump / Phosphor Bronze

4-Without Bump / Brass

$d$ =Amount of Pins-06,08,10,12,14,16,20,24,26  
30,34,40,50,60,62,64

$e$ =Packing Option

$f$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 1000V

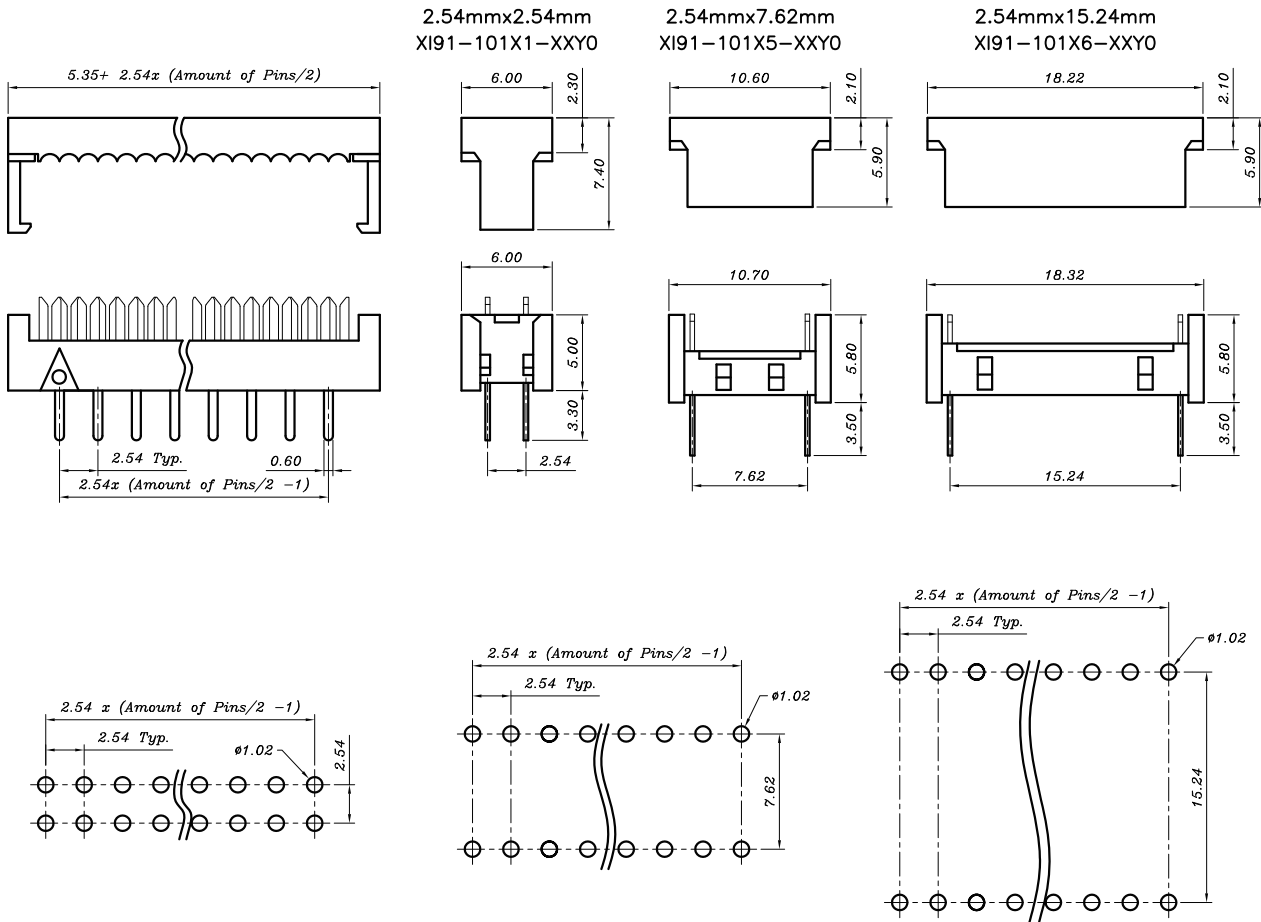
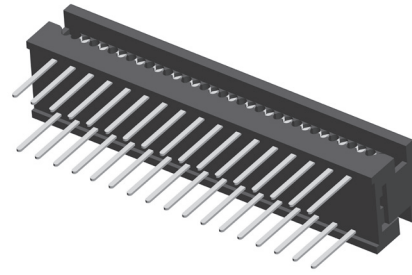
Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

# 2.54mm DIP PLUG

## ORDER INFORMATION

$\frac{X}{a}$  I91-101  $\frac{X}{b}$   $\frac{X}{c}$  -  $\frac{XX}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

- $\alpha$ =Y-RoHS  
Z-RoHS(for High Temperature)
- $b$ =Material Option:  
1-Phosphor Bronze  
2-Brass
- $c$ =Width Option:  
1-2.54x2.54mm  
5-2.54x7.62mm  
6-2.54x15.24mm
- $d$ =08~64-8~64Pins
- $e$ =Packing Option
- $f$ =Plating Option



Recommended P.C.B. Layout  
 Layout Tolerance =  $\pm 0.05$  mm

## SPECIFICATION

- Current Rating : 3A
- Contact Resistance : 20m Ohm Max.
- Dielectric Withstanding : AC 1000V
- Operating Temperature :  $-40^{\circ}\text{C} \sim 105^{\circ}\text{C}$

## 2.54mm MINI JUMPER OPEN TYPE BASE 6.0mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M1-  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

$c$ =Color Option:

0-Black

1-Blue

2-Red

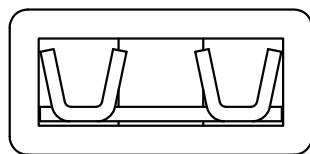
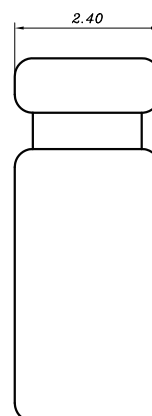
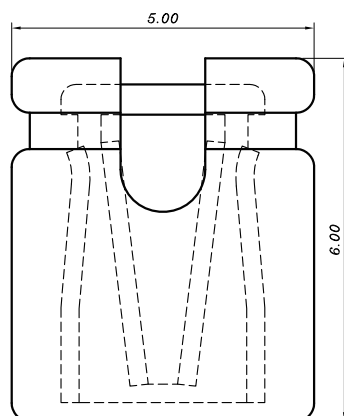
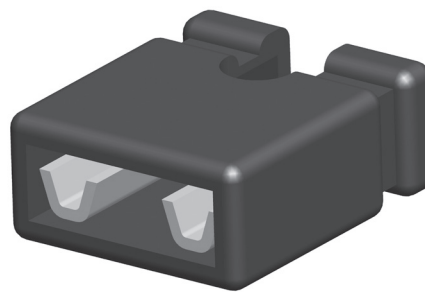
3-White

4-Green

5-Yellow

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MINI JUMPER CLOSE TYPE BASE 6.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M2-  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

$c$ =Color Option:

0-Black

1-Blue

2-Red

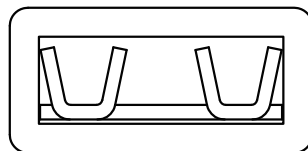
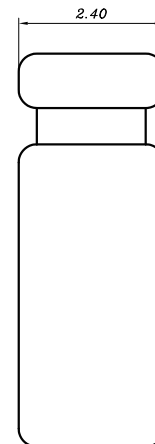
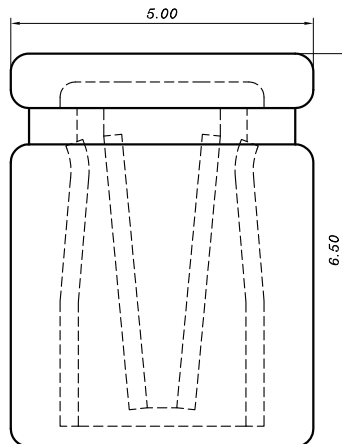
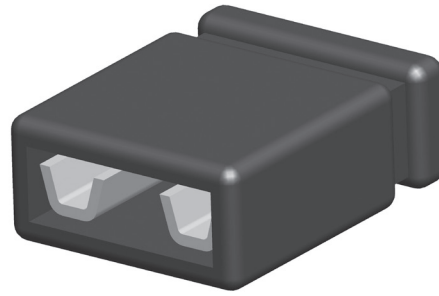
3-White

4-Green

5-Yellow

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MINI JUMPER CLOSE TYPE BASE 8.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M6-  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

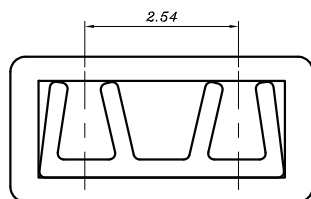
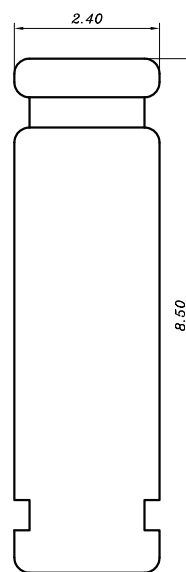
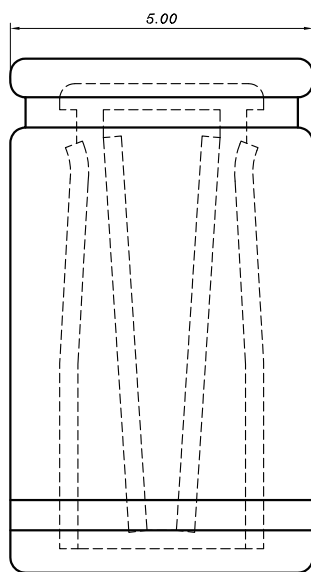
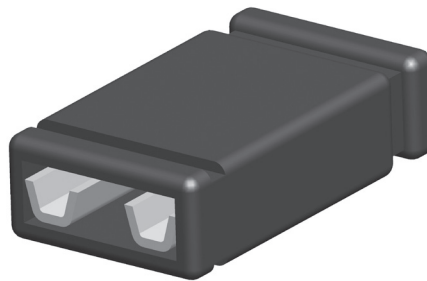
$c$ =Color Option:

0-Black

3-White

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MINI JUMPER OPEN TYPE BASE 8.0mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M7-  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

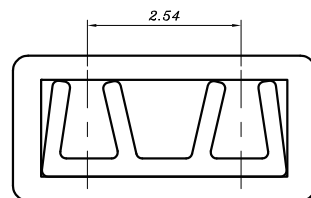
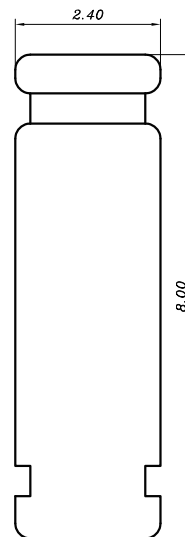
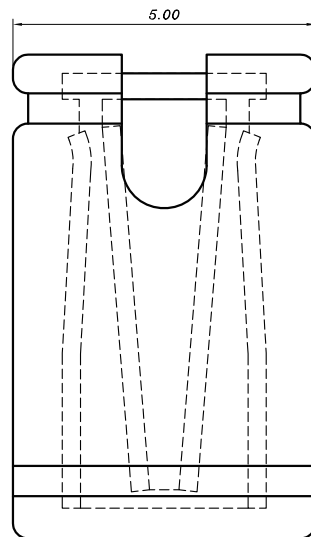
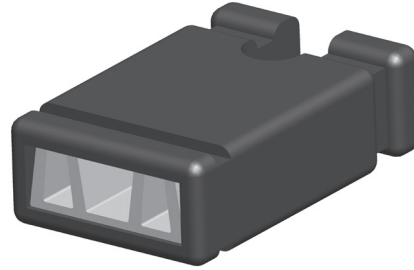
$c$ =Color Option:

0-Black

3-White

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MINI JUMPER OPEN TYPE BASE 13.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M8-  $\frac{X}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

$c$ =Color Option:

0-Black

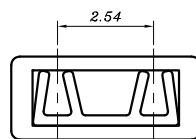
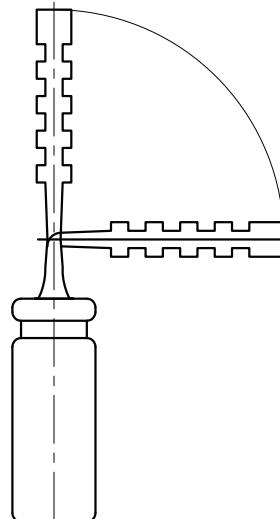
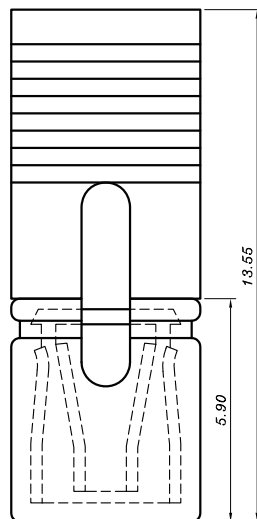
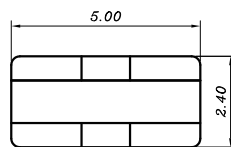
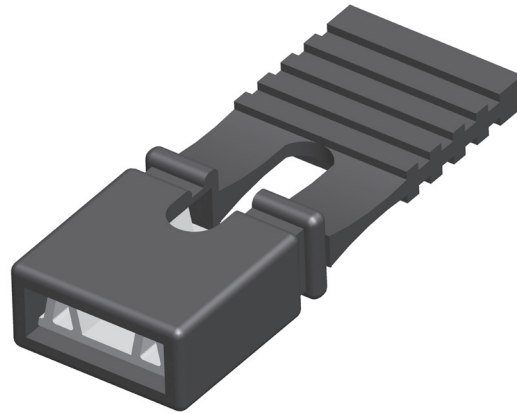
1-Blue

2-Red

3-White

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MINI JUMPER OPEN TYPE BASE 4.5mm

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  M9-  $\frac{0}{c}$  2  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

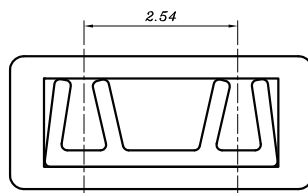
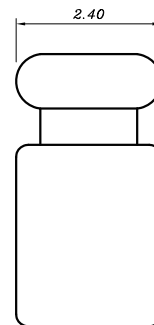
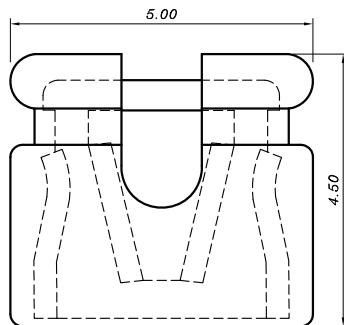
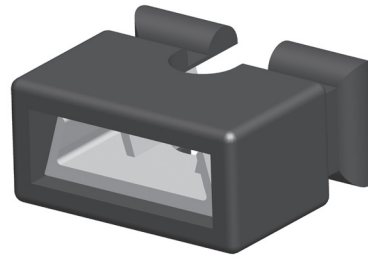
2-Phosphor Bronze

$c$ =Color Option:

0-Black

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 2.54mm MULTIPOSITION MINI JUMPER

### ORDER INFORMATION

$\frac{X}{a}$  P91-01  $\frac{X}{b}$  MA-  $\frac{X}{c}$   $\frac{X}{d}$   $\frac{X}{e}$   $\frac{X}{f}$

$\alpha$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

2-Phosphor Bronze

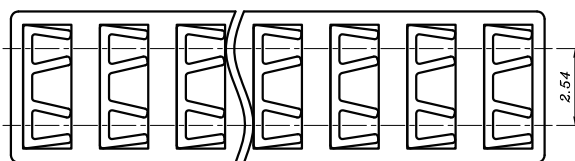
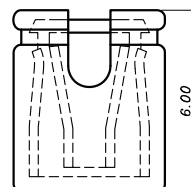
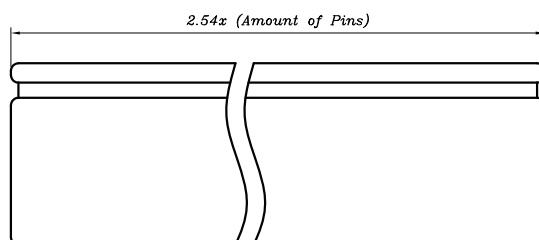
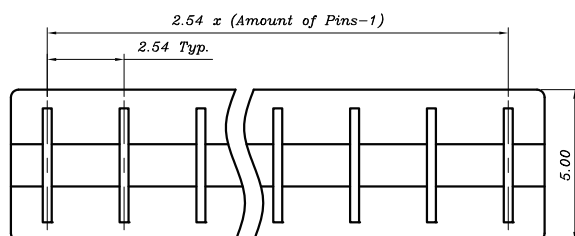
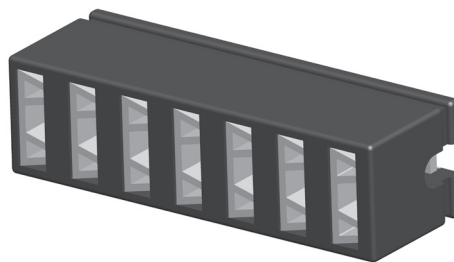
$c$ =Color Option:

0-Black

$d$ =2~A-2~10Pins

$e$ =Packing Option

$f$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C

## 5.08mm MINI JUMPER

### ORDER INFORMATION

$\frac{X}{a}$  P91-13  $\frac{X}{b}$  M1-  $\frac{X}{c}$  3  $\frac{X}{d}$   $\frac{X}{e}$

$a$ =Y-RoHS

Z-RoHS(for High Temperature)

$b$ =Material Option:

1-Brass

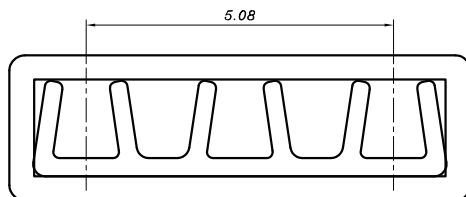
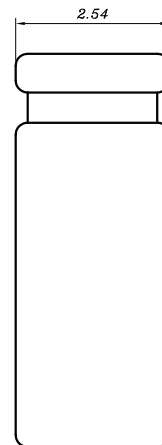
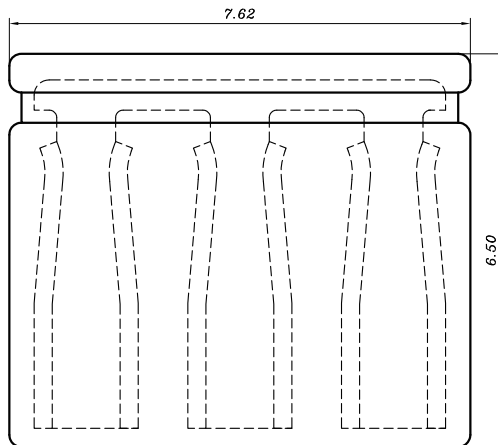
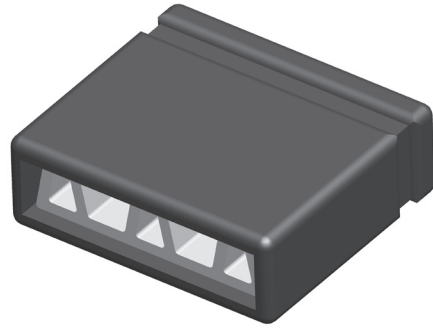
2-Phosphor Bronze

$c$ =Color Option:

0-Black

$d$ =Packing Option

$e$ =Plating Option



### SPECIFICATION

Current Rating : 3A

Contact Resistance : 20m ohms Max.

Dielectric Withstanding : AC 500V

Operating Temperature : -40°C ~ 105°C



**B.C.E. s.r.l.**  
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy  
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500  
[www.bce.it](http://www.bce.it) - E-mail: [bce@bce.it](mailto:bce@bce.it)

