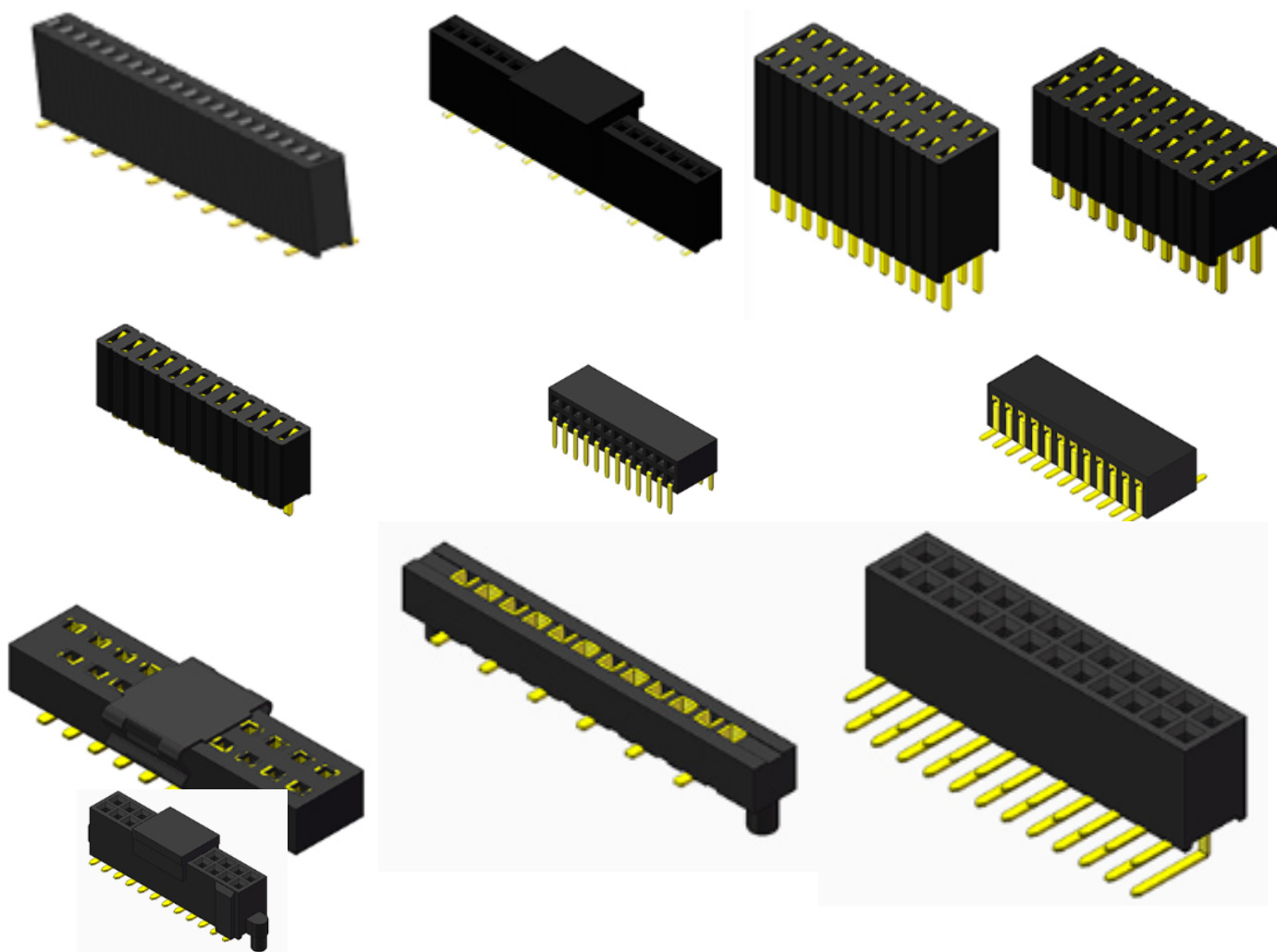


**.050”(1.27mm)Pitch/Disconnectable  
Insulation Displacement Connectors**

**.050”(1.27mm)Female header**



## .050" (1.27mm) Female Header

### Specifications:

Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

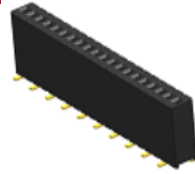
Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

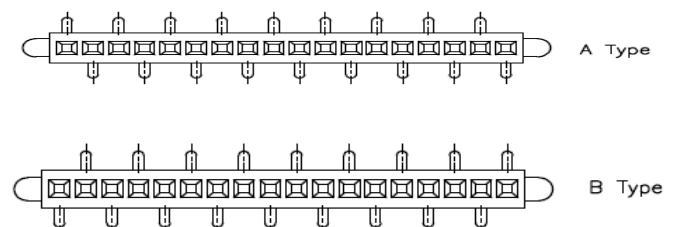
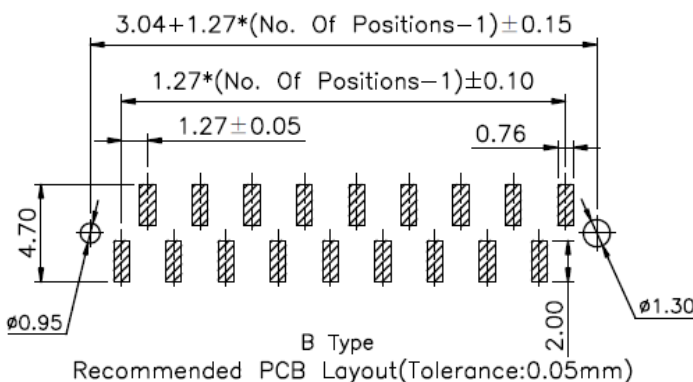
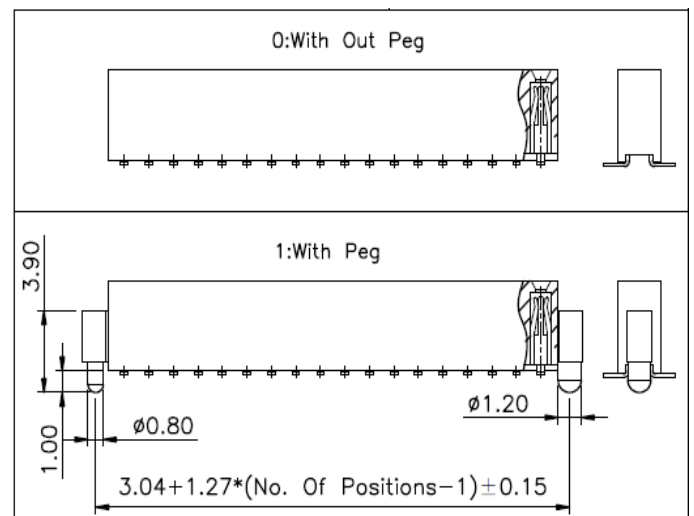
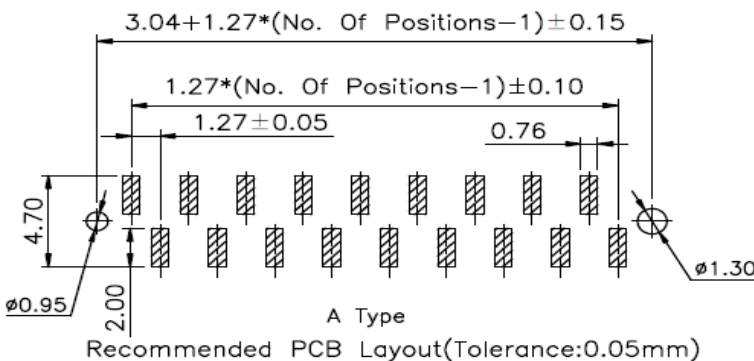
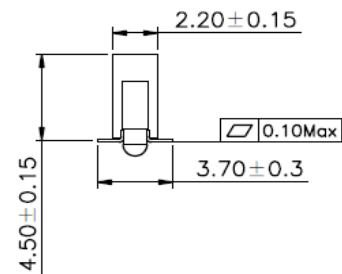
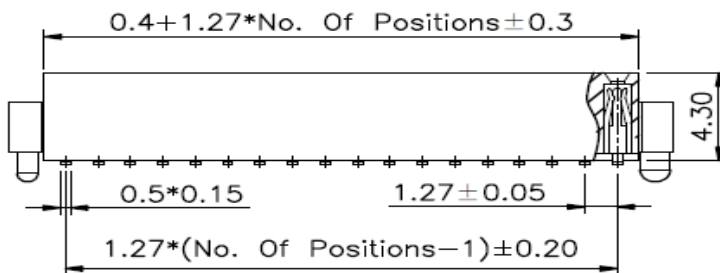


### Ordering Information

S12721M-XXX43-XXX

1 2 3 4 5 6 7

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
H:Selective Gold Plated  
Q:Tin Plated
- 5: — A:A Type  
B:B Type
- 5: — 0:With Out Peg  
1:With Peg
- 5: — A:In bag  
B:In Tube  
C:In Tray  
E:W/Cap In Tube  
F:W/Cap In Tape&Reel



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:PA6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:250V AC/DC

Operating Temperature Range:-40~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:1000M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S27571M-XXX58-NXX

1 2 3 4 5 6

1:— Series No.

2:— M:SMT Type

3:— No. of Positions

4:— A:Gold Flash

H:Selective Gold Flash

T:10u" Gold on contact;Tin on tail

Q:Tin Plated

5:— A:A Type

B:B Type

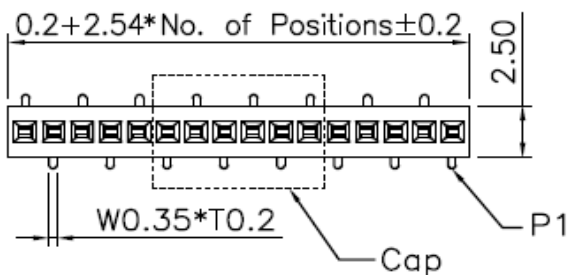
6:— A:In bag

B:In Tube

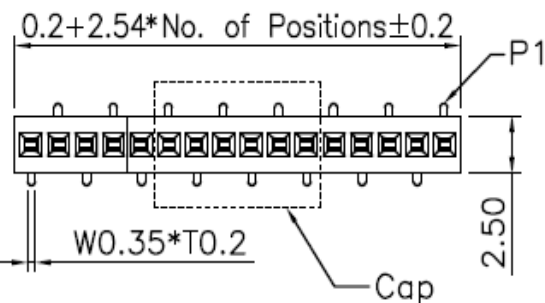
C:In Tray

F:W/Cap In Tape&Reel

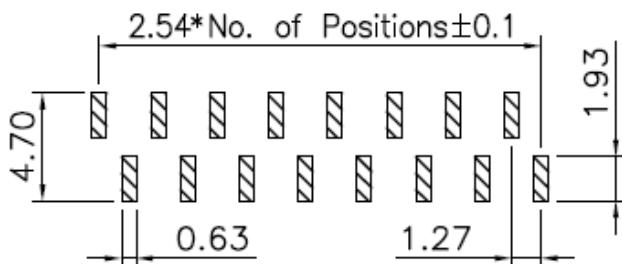
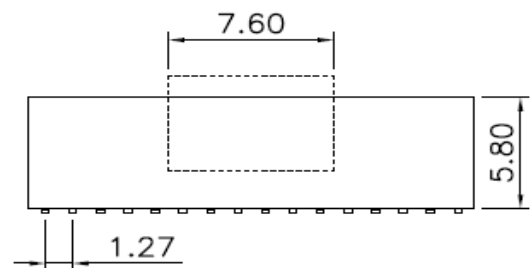
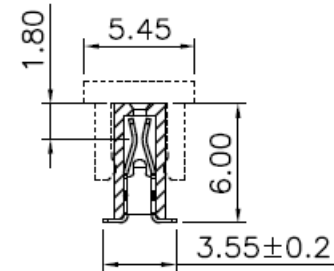
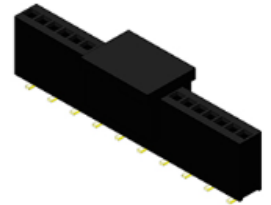
G:W/O Cap In Tape&Reel



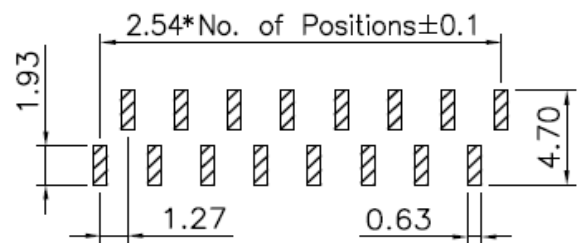
A Type



B Type



A Type



B Type

### Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

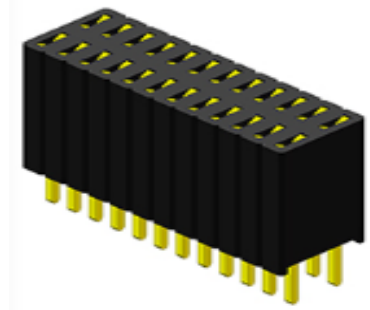
Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

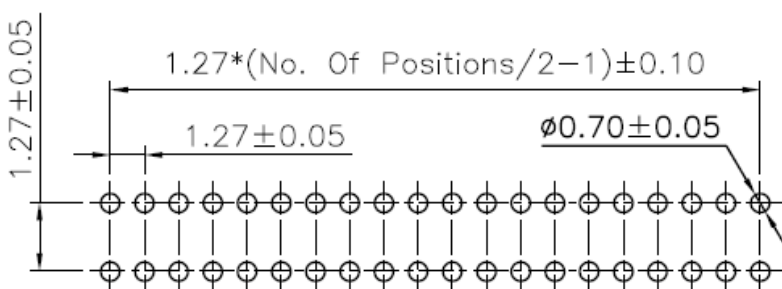
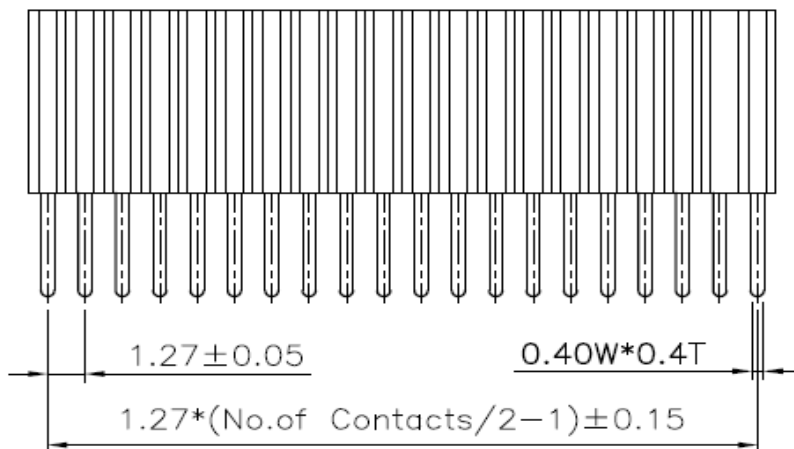
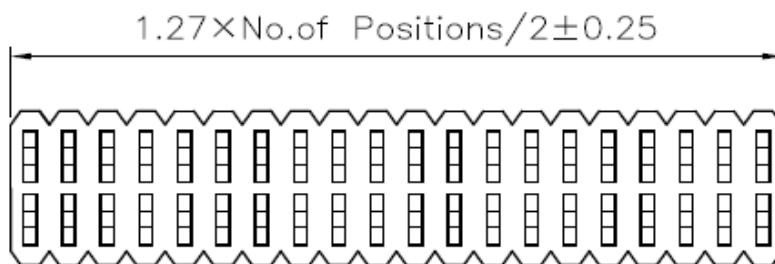


### Ordering Information

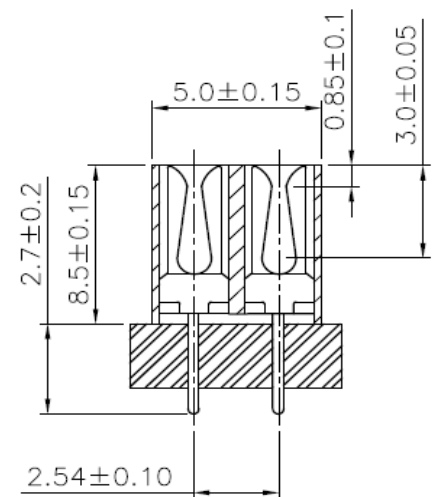
S27542S-XXX85-X

1 2 3 4 5

- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A: Gold Flash  
Q: Tin Plated
- 5: — A: In bag  
B: In Tube  
C: In Tray  
F: W/Cap In Tape&Reel



Recommended PCB Layout



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

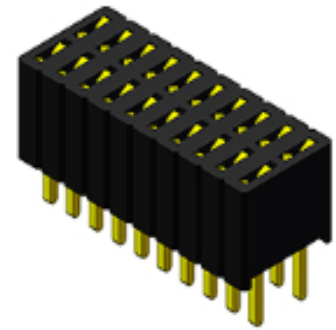
Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

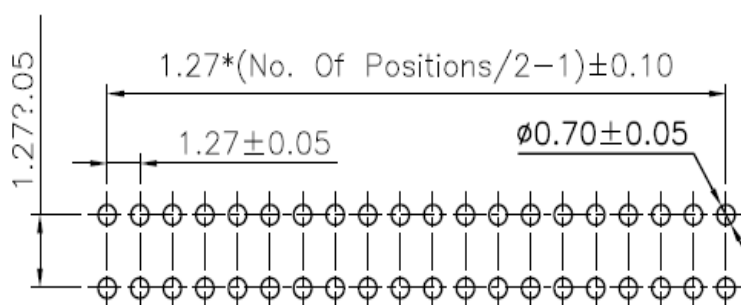
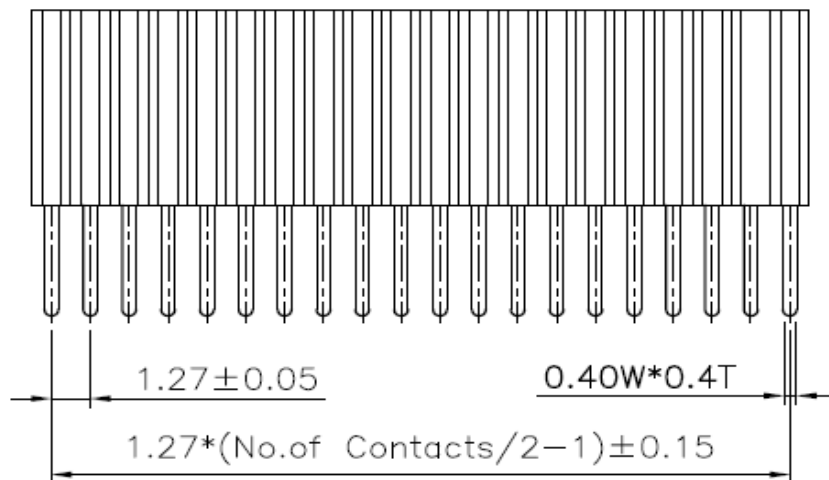
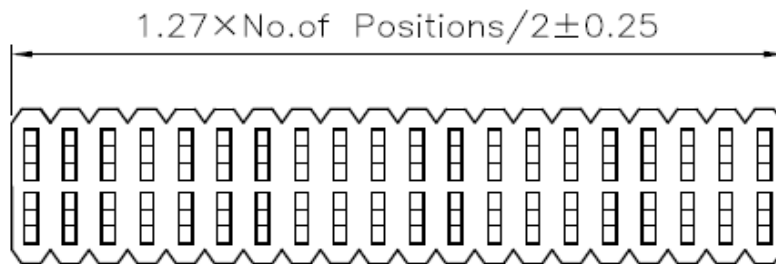


### Ordering Information

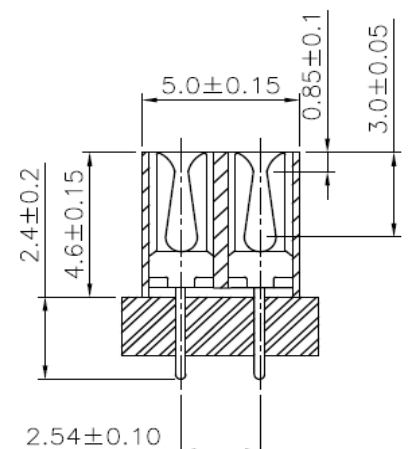
S27542S-XXX46-X

1 2 3 4 5

- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A: Gold Flash  
Q: Tin Plated
- 5: — A: In bag  
B: In Tube  
C: In Tray  
F: W/Cap In Tape&Reel



Recommended PCB Layout



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12752M-28X20-V12F-G

1 2 3 4 5

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

H:Gold Flash on Contact;Matte Tin on tail

S:Matte Tin Plated.

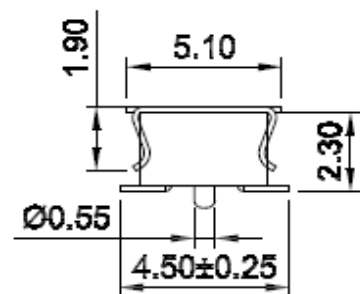
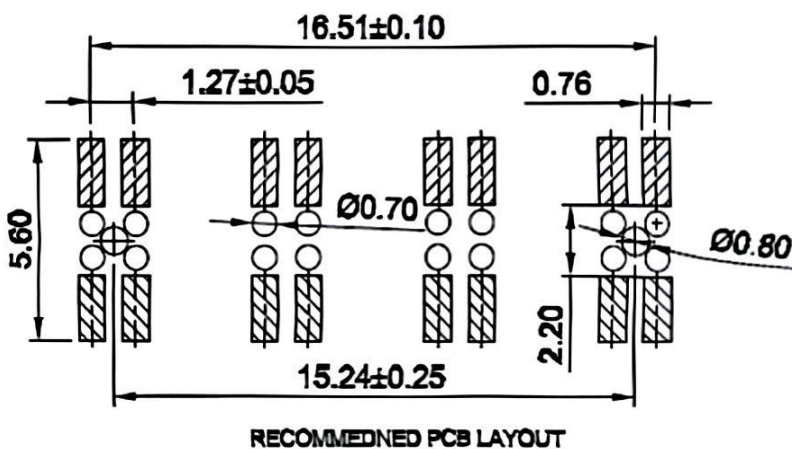
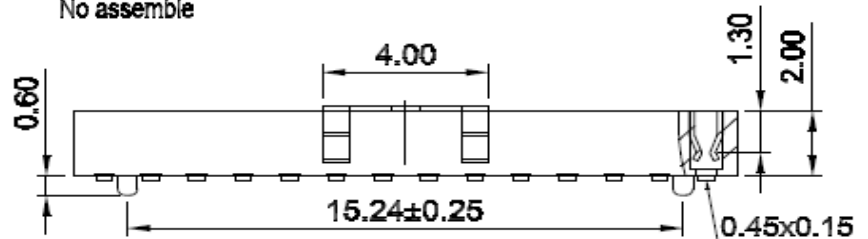
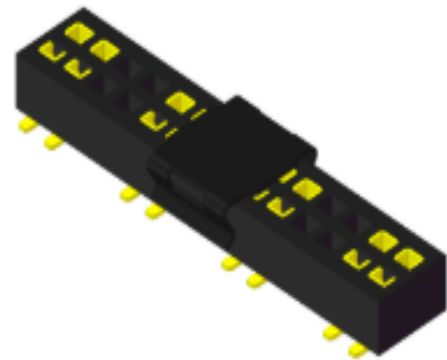
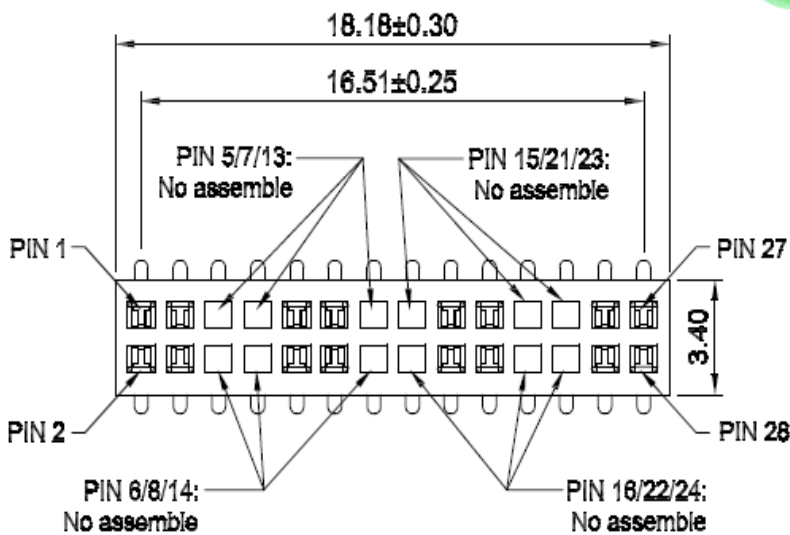
Q:Tin Plated

R:Gold 10u"

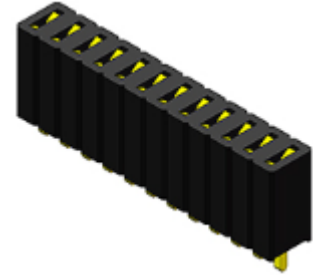
5: — B:In Tube

E:W/Cap In Tube

F:W/Cap In Tape&Reel



## .050" (1.27mm) Female Header



### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°C~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

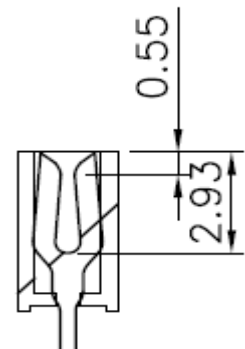
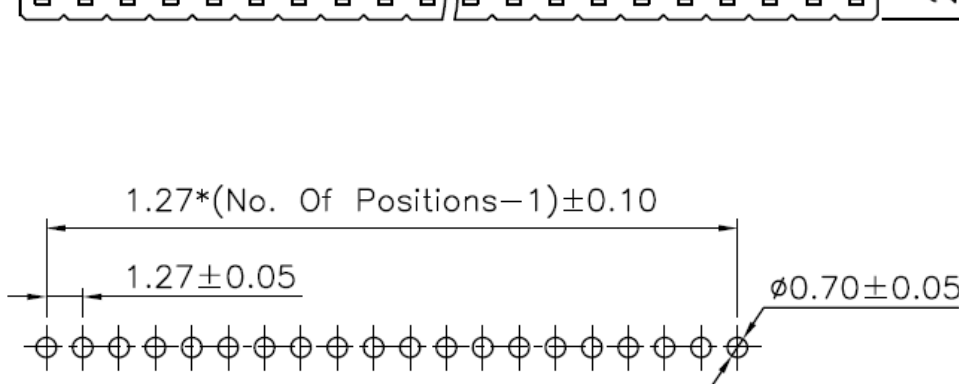
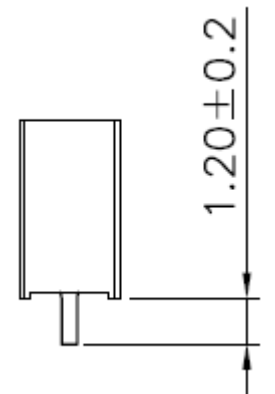
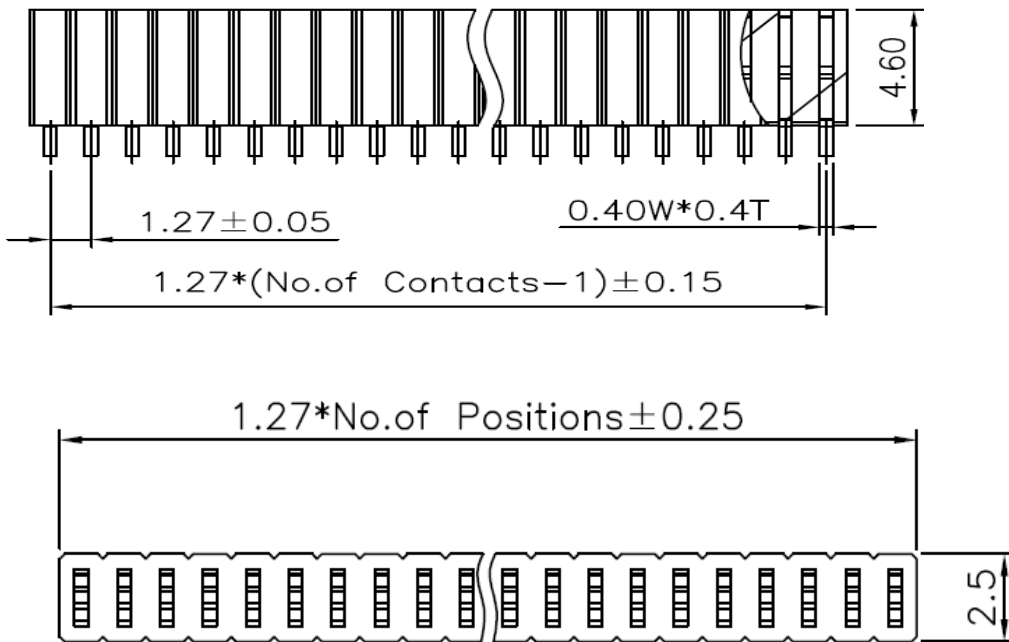
Withstanding Voltage:500V AC/Minute

### Ordering Information

**S27541S-XXX46A-X**

1 2 3 4 5

- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A: Gold Flash  
Q: Tin Plated
- 5: — A: In bag  
B: In Tube  
C: In Tray  
F: W/Cap In Tape & Reel



Recommended PCB Layout

## .039" (1.00mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12762R-XXX48-X

1 2 3 4 5

1: — Series No.

2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

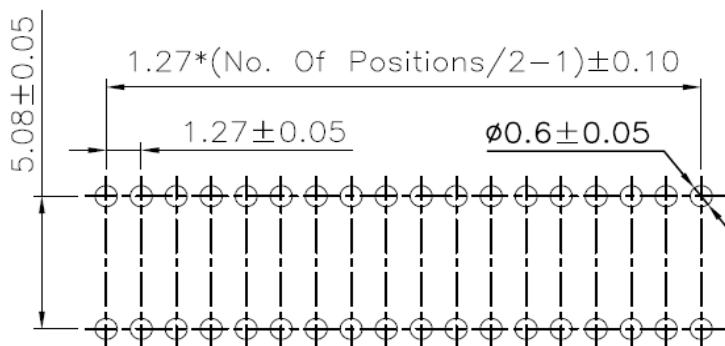
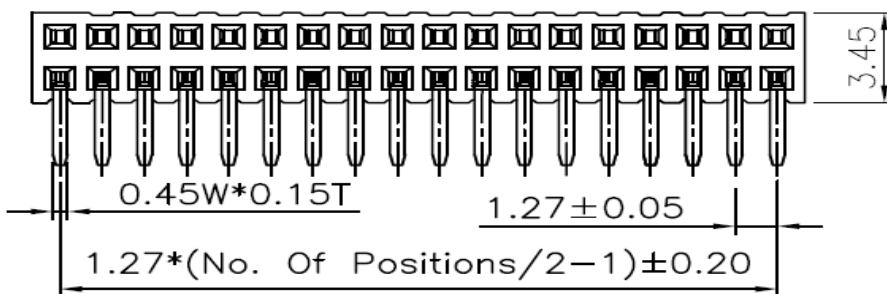
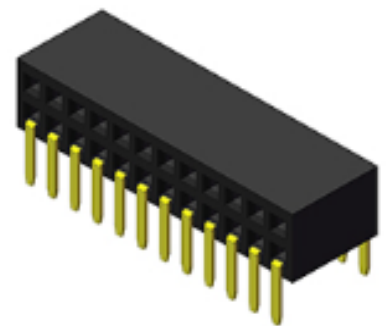
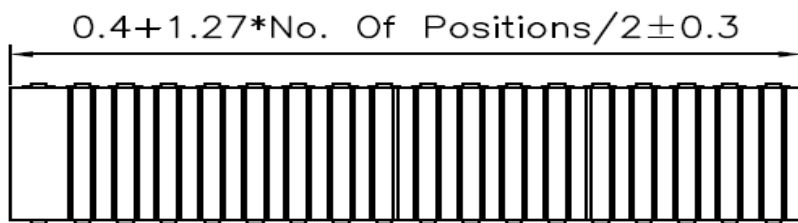
Q:Tin Plated

5: — A:In bag

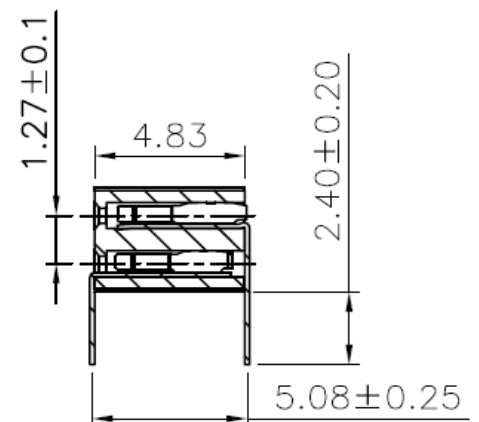
B:In Tube

C:In Tray

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)





## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

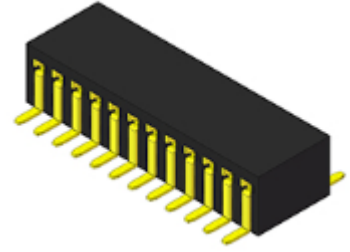
Operating Temperature Range:-40° ~+105° C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

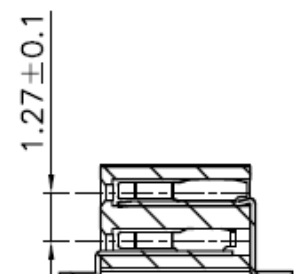
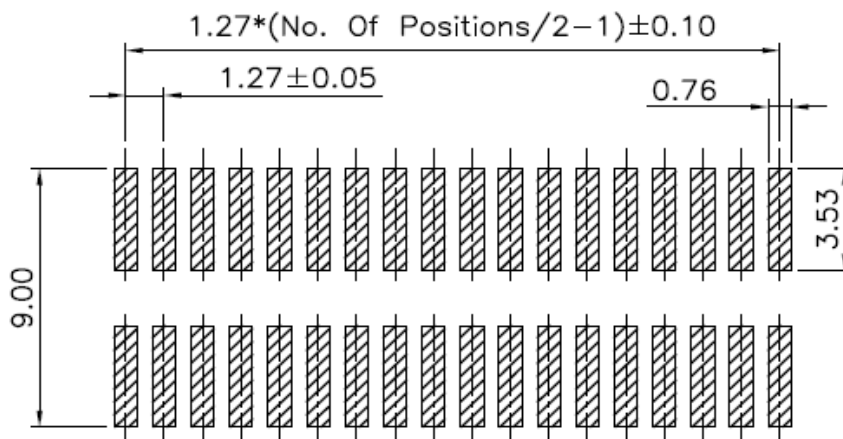
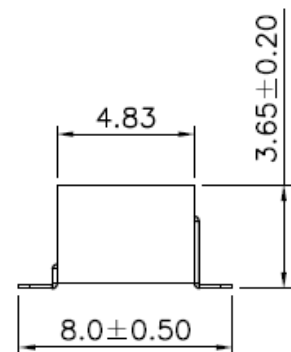
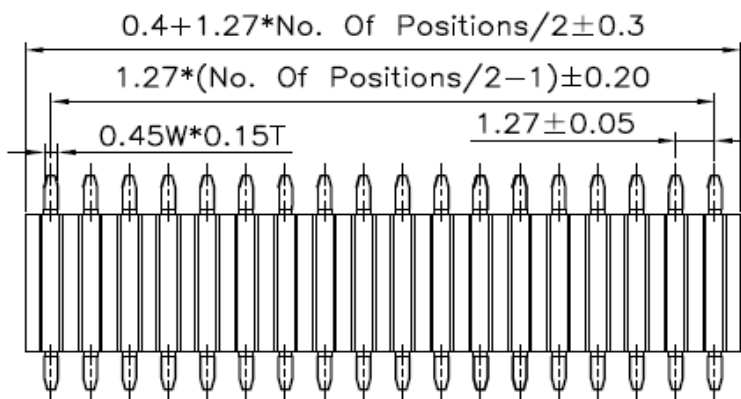


### Ordering Information

**S12762M-XXX48-0X**

1 2 3 4 5

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
Q: Tin Plated
- 6: — A: In bag  
B: In Tube  
C: In Tray  
E: W/Cap In Tube  
F: W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

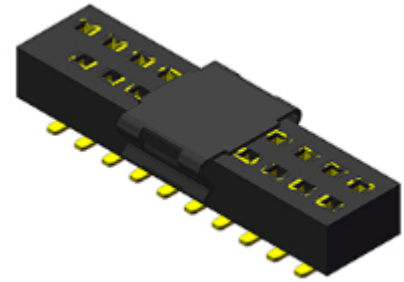
Operating Temperature Range:-40° ~ +105° C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

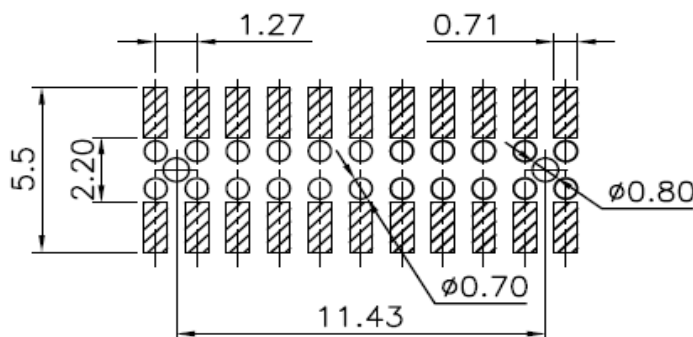
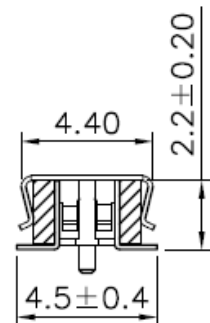
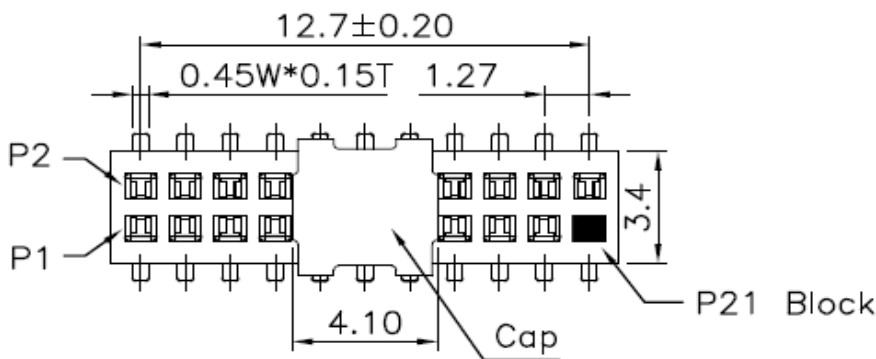
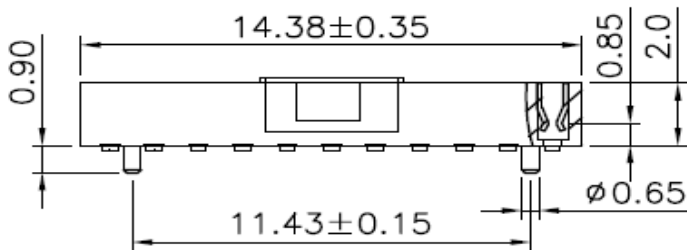


### Ordering Information

S12752M-22A20-NF-G

1 2 3 4 5

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash
- 5: — F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722S-XXX43-X

1 2 3 4 5

1: — Series No.

2: — S: Straight Type

3: — No. of Positions

4: — A: Gold Flash

H: Selective Gold Plated

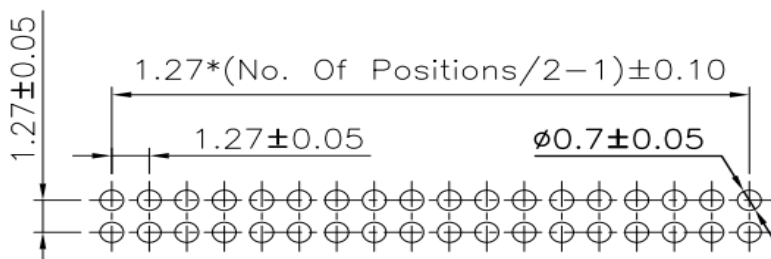
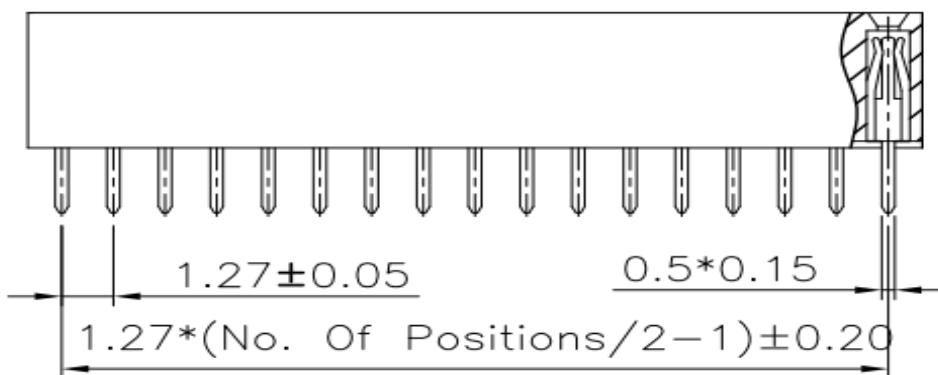
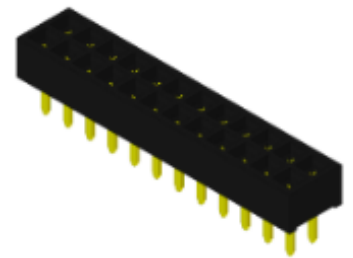
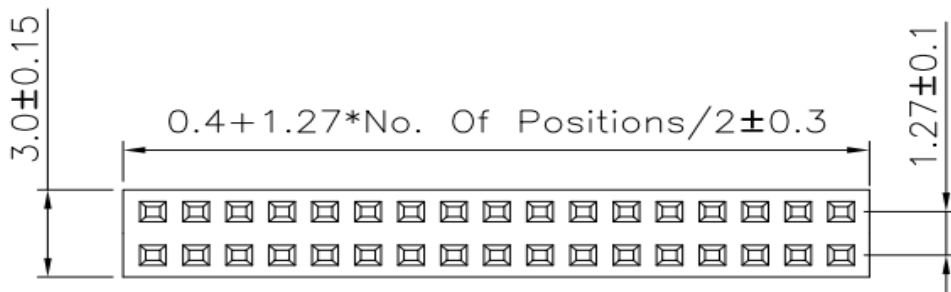
Q: Tin Plated

5: — A: In bag

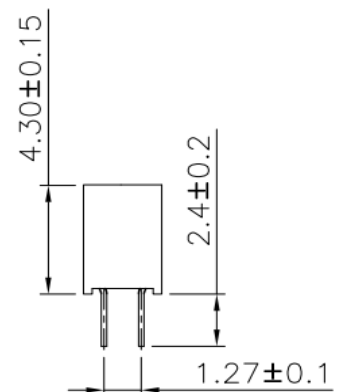
B: In Tube

C: In Tray

F: W/Cap In Tape&Reel



Recommended PCB Layout



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~ +105° C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12731M-XXX20-X3X

1 2 3 4 5 6

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

5: — A:A Type

B:B Type

6: — A:In bag

B:In Tube

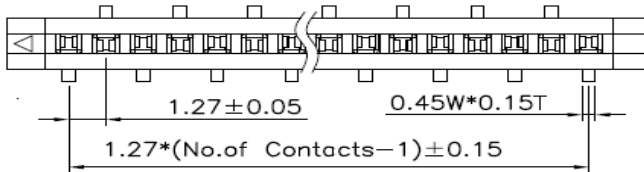
C:In Tray

E:W/Cap In Tube

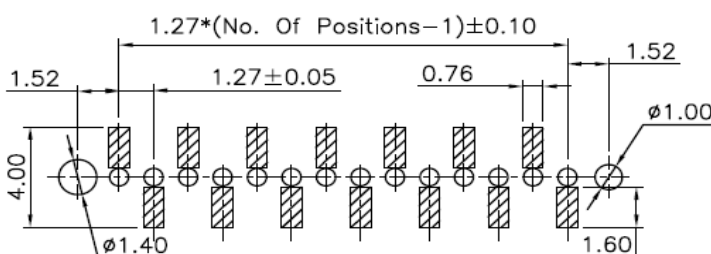
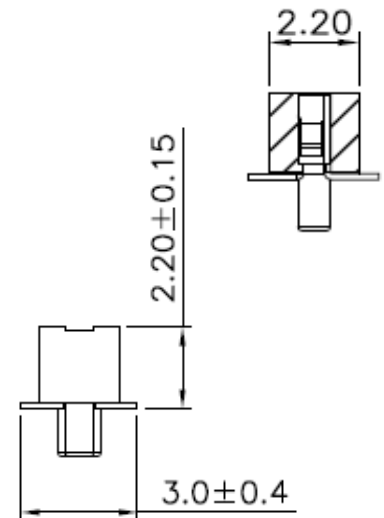
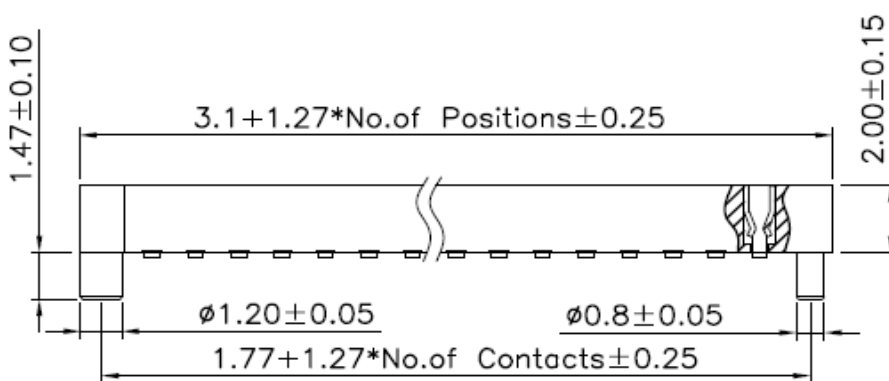
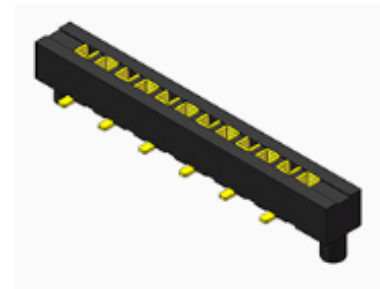
F:W/Cap In Tape&Reel



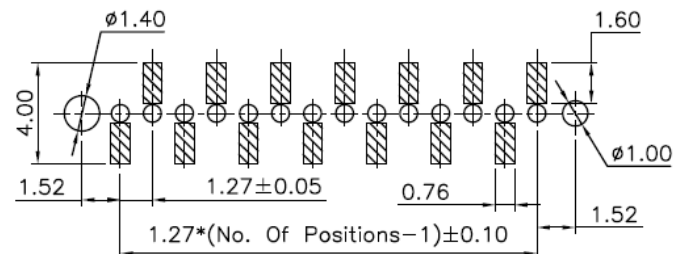
A Type



B Type



A Type



B Type

Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

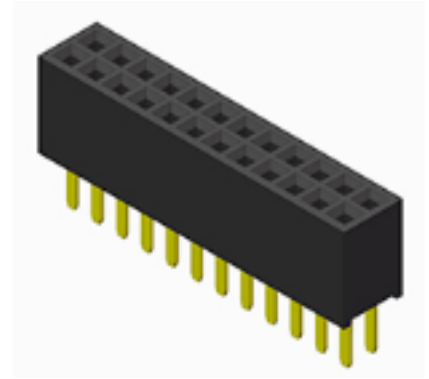
Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

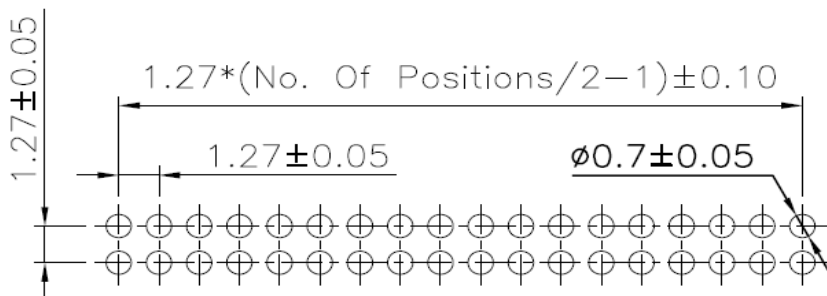
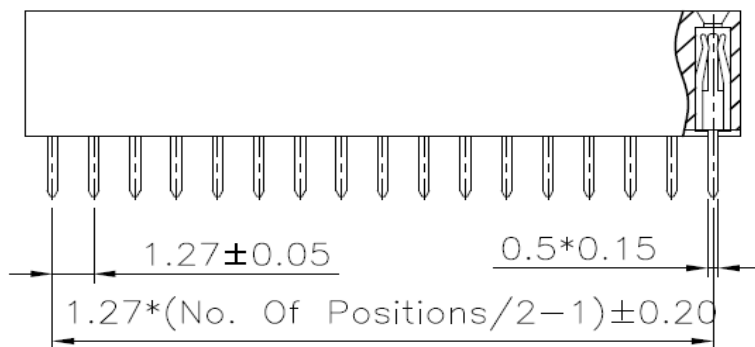
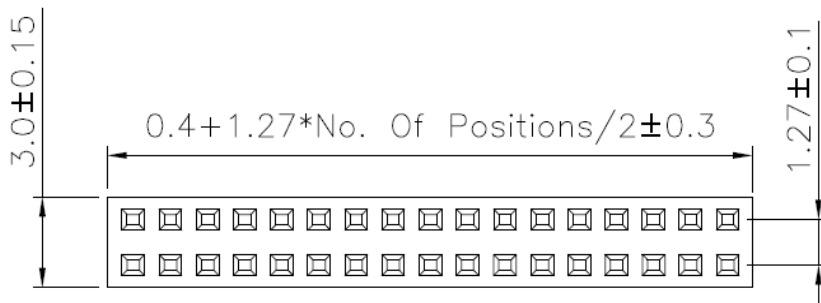


### Ordering Information

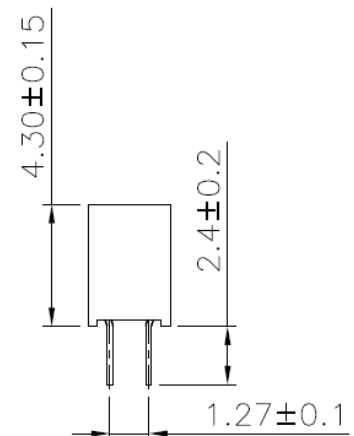
S12722S-XXX43-X

1 2 3 4 5

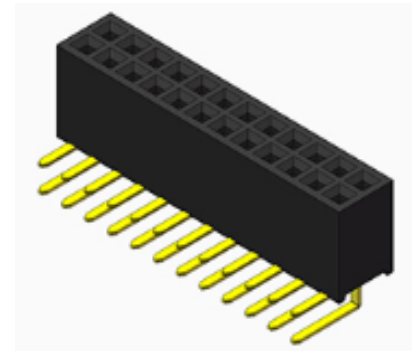
- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A: Gold Flash  
H: Selective Gold Plated  
Q: Tin Plated
- 5: — A: In bag  
B: In Tube  
C: In Tray  
F: W/Cap In Tape&Reel



Recommended PCB Layout



## .050" (1.27mm) Female Header



### Specifications:

#### Material And Finish:

Insulator:Nylon 9T UL94V-0(Halogen Free) Color:Black

Contact:Phosphor Bronze

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

**S12722R-XXX44-X-NH**

1 2 3 4 5

1: — Series No.

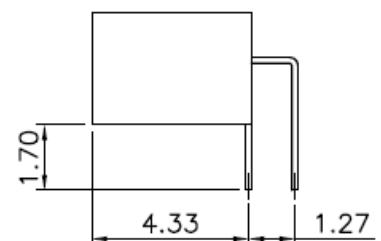
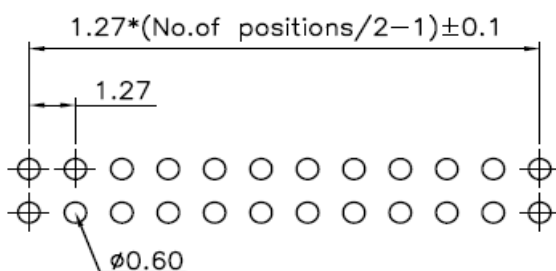
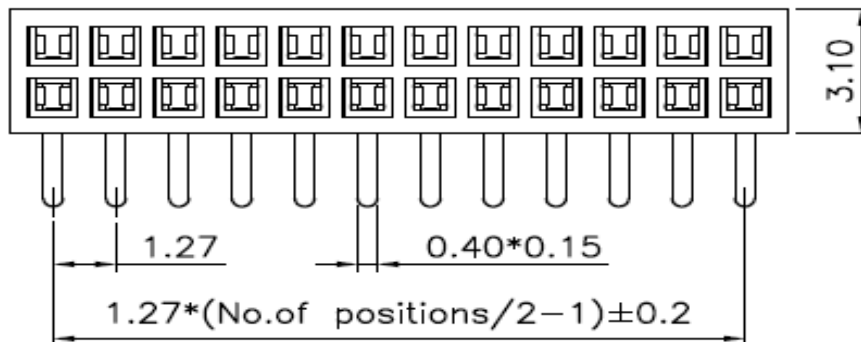
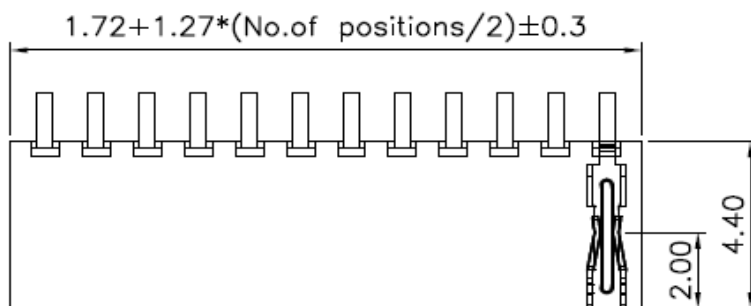
2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

5: — A:In bag

B:In Tube



Recommended P.C. Board Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722R-XXX43-XX-X  
 1 2 3 4 5 6

1: — Series No.

2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

5: — Without this option:5.69mm

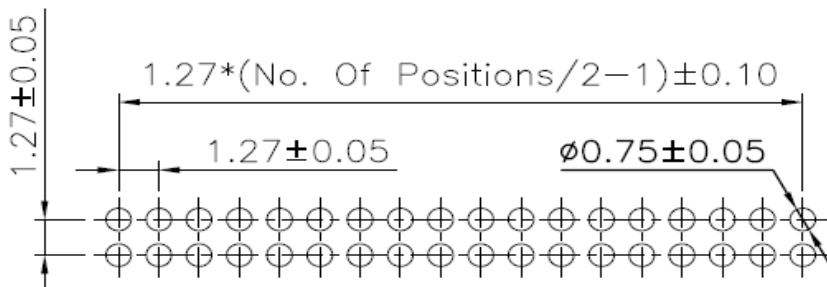
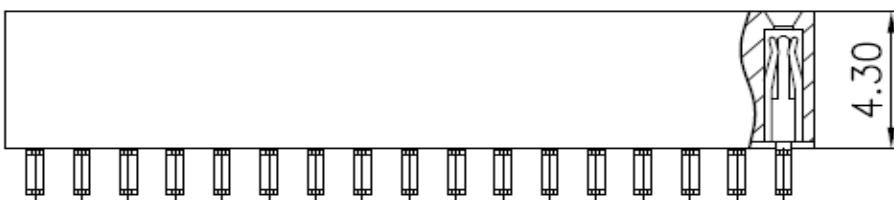
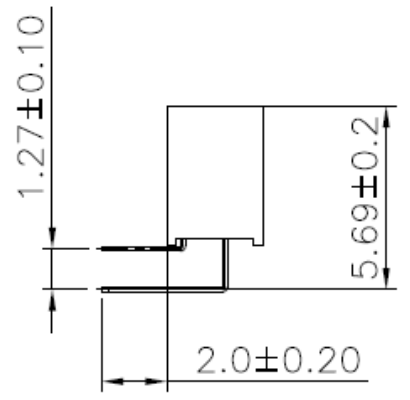
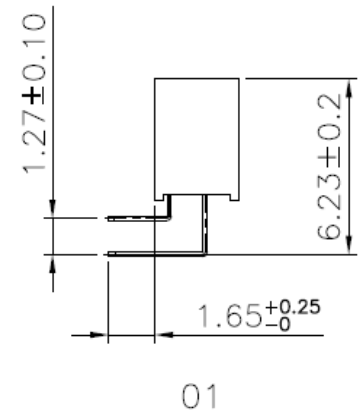
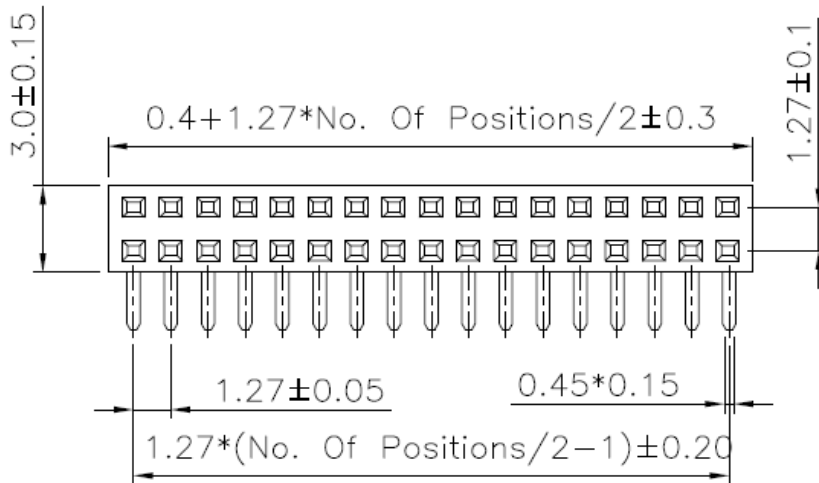
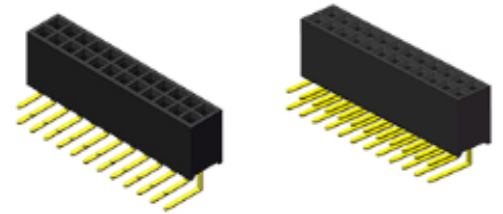
O1:6.23

6: — A:In bag

B:In Tube

C:In Tray

D:In Tape&Reel



Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~ +105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

**S12722M-XXX43A-XX**

1 2 3 4 5 6

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

5: — 1:W/Peg

2:W/O Peg

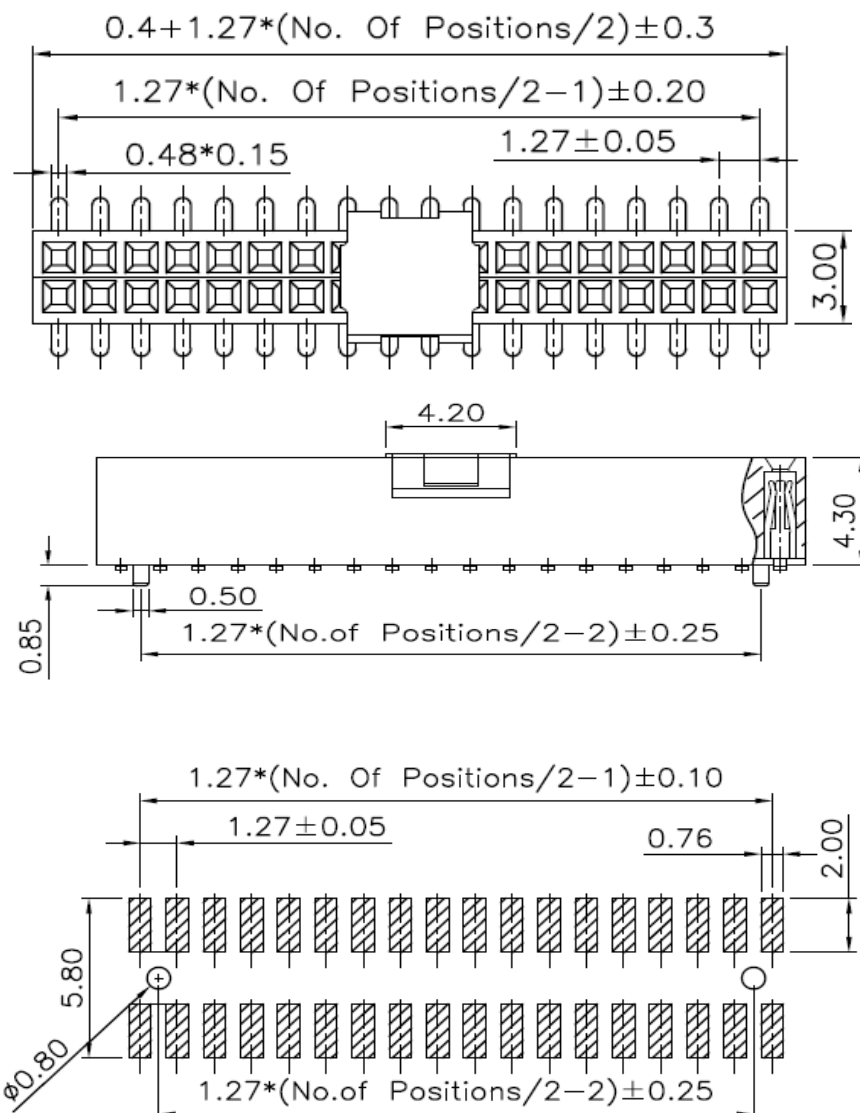
6: — A:In bag

B:In Tube

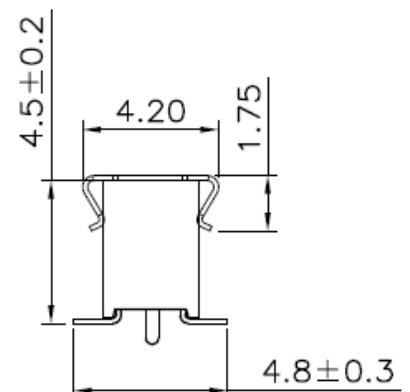
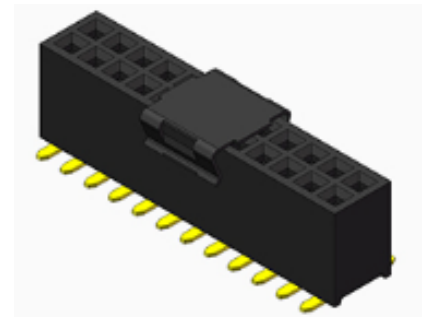
C:In Tray

E:W/Cap In Tube

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)





## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:PA6T UL94V-0 Color:Black  
 Contact:Phosphor Bronze  
 Plated:See Ordering Information

#### Rating:

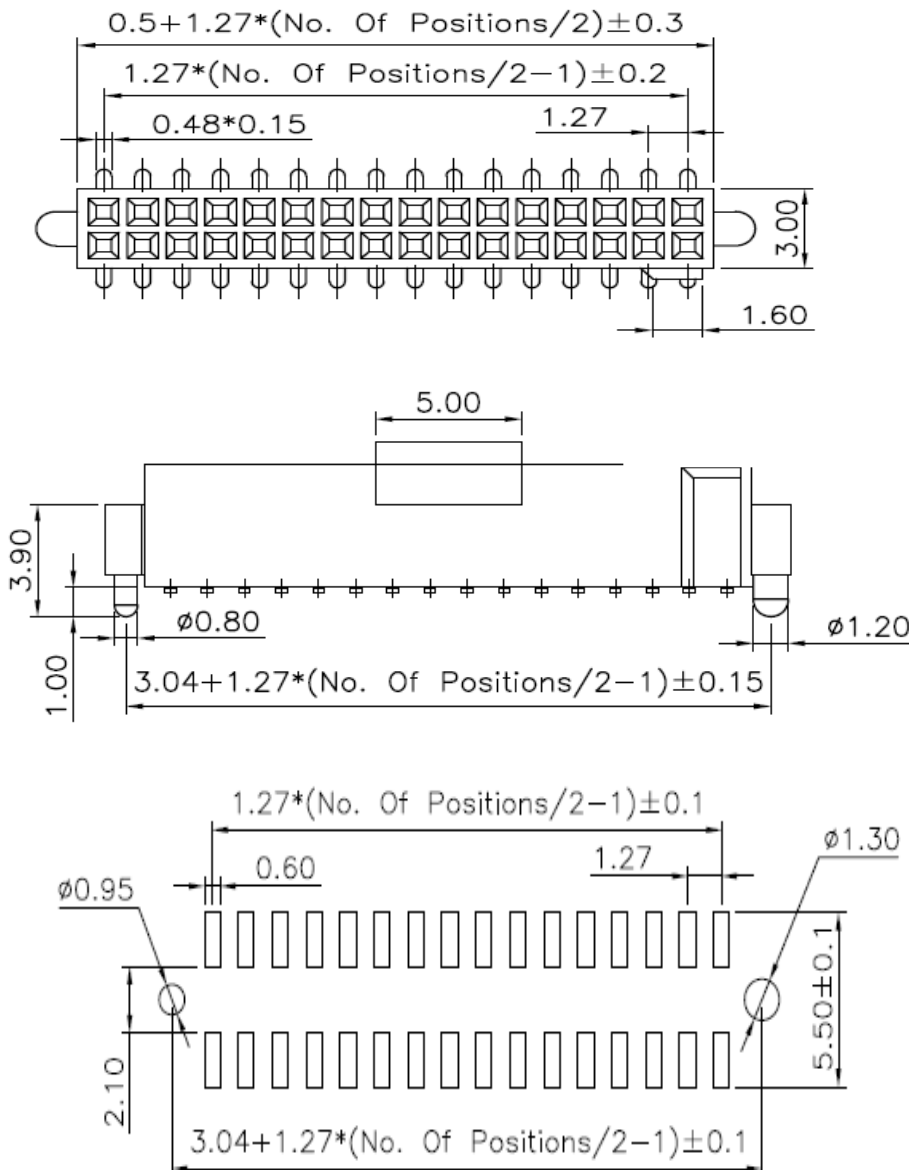
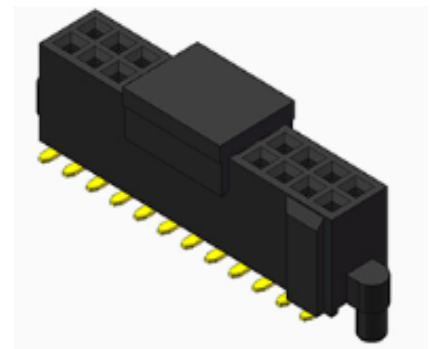
Current Rating:1.0 Amp  
 Voltage Rating:100V AC/DC  
 Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max  
 Insulator resistance:500M ohm min.  
 Withstanding Voltage:500V AC/Minute

Ordering Information  
**S12722M-XXX43-5ANX**  
 1 2 3 4 5 6 7

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
 H:Selective Gold Plated  
 Q:Tin Plated
- 5: — 5:W/Bump
- 6: — A:Registration Mast
- 7: — A:In bag  
 B:In Tube  
 C:In Tray  
 E:Mylar In Tape&Reel  
 F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black  
 Contact:Phosphor Bronze  
 Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp  
 Voltage Rating:100V AC/DC  
 Operating Temperature Range:-40° ~+105° C

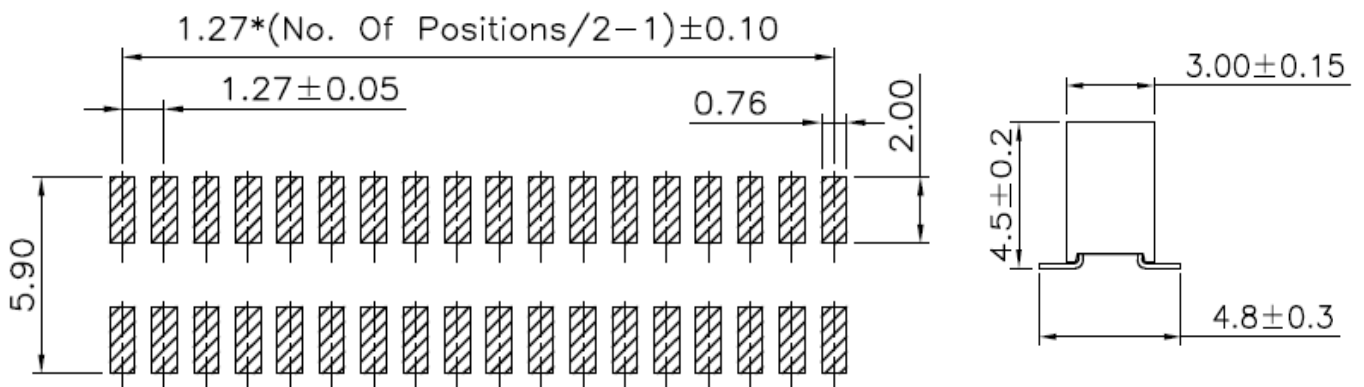
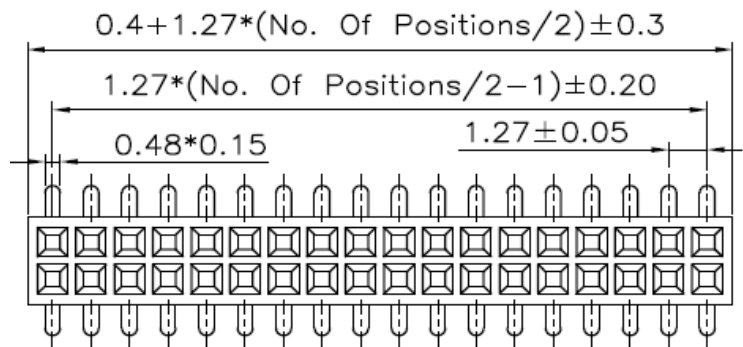
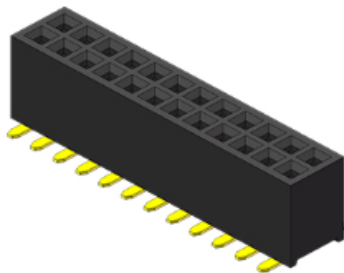
#### Electrical:

Contact resistance:20m Ohm Max  
 Insulator resistance:500M ohm min.  
 Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722M-XXX43-4X

- |            |            |                  |                         |                    |
|------------|------------|------------------|-------------------------|--------------------|
| 1          | 2          | 3                | 4                       | 5                  |
| 1:—        | 2:—        | 3:—              | 4:—                     | 5:—                |
| Series No. | M:SMT Type | No. of Positions | A:Gold Flash            | In bag             |
|            |            |                  | H:Selective Gold Plated | In Tube            |
|            |            |                  | Q:Tin Plated            | In Tray            |
|            |            |                  |                         | W/Cap In Tube      |
|            |            |                  |                         | W/Cap In Tape&Reel |



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

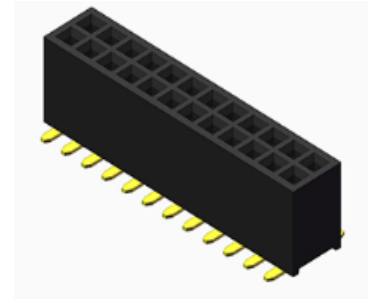
### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information



### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

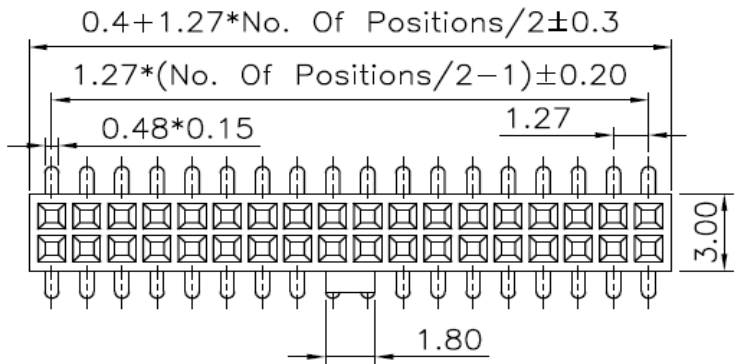
Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute



### Ordering Information

S12722M-XXX43-01-0X

1 2 3 4 5

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

D:10u"Gold on Contact;Gold Flash on tail

F:20u"Gold on Contact;Gold Flash on tail

H:Gold Flash on Contact;Matte Tin on tail

T:10u"Gold on Contact;Matte Tin on tail

Y:30u"Gold on Contact;Matte Tin on tail.

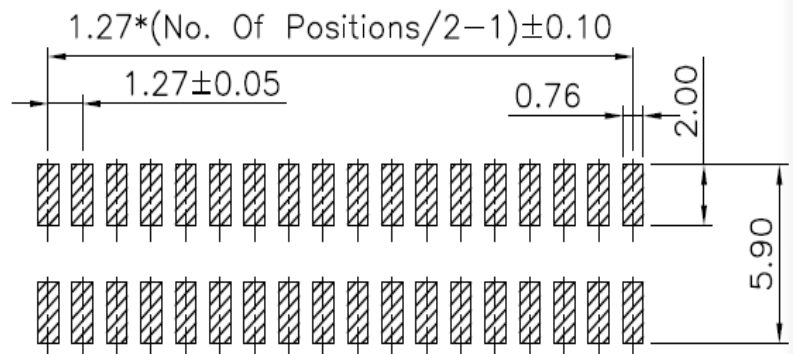
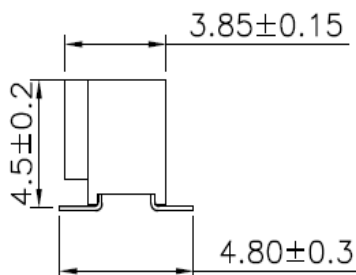
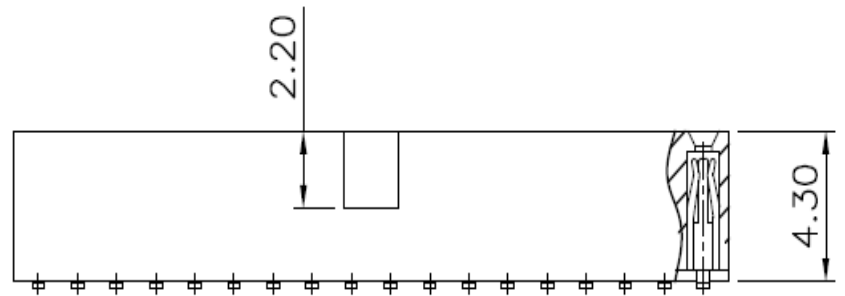
S:Matte Tin Plated.

5: — B:In Tube

C:In Tray

E:W/Cap In Tube

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

**S12722M-XXX43-1X**

1 2 3 4 5 6

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

5: — 1:W/Peg

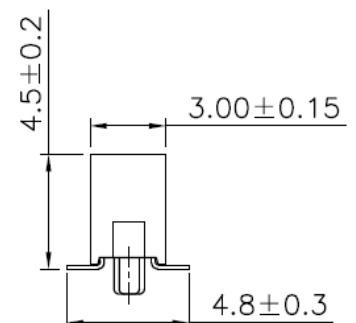
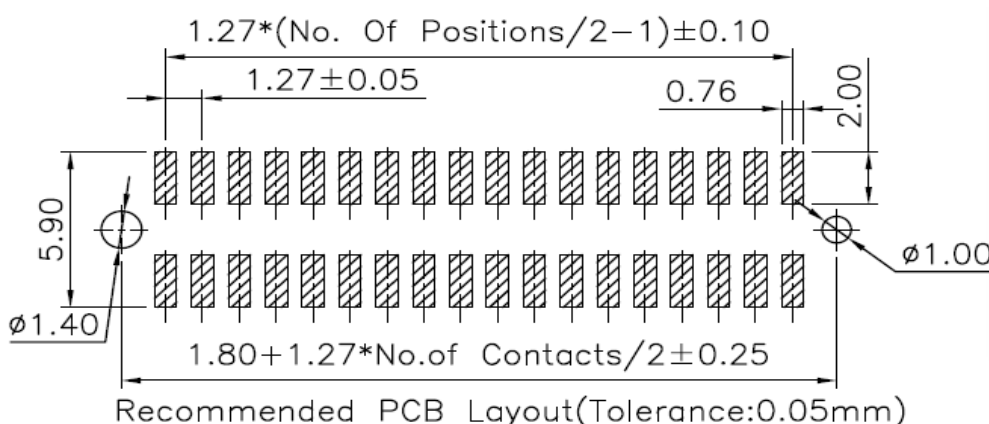
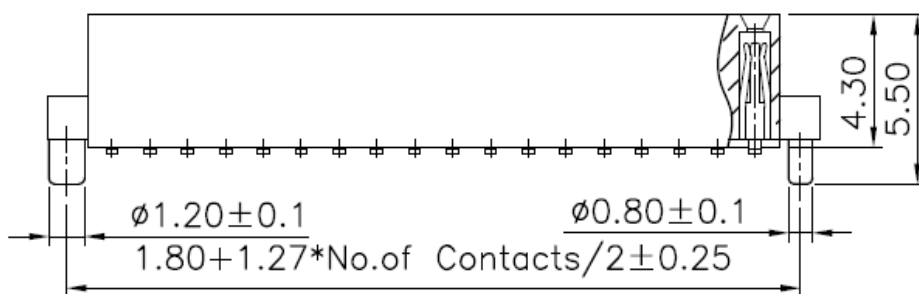
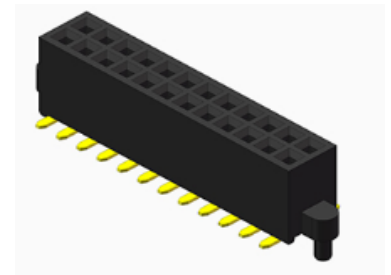
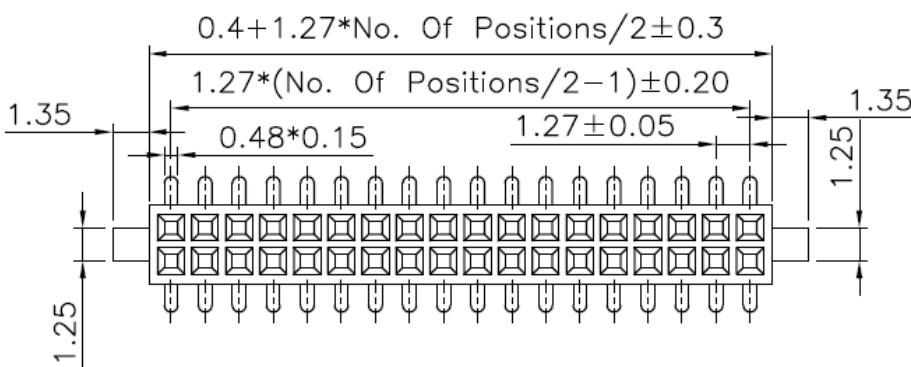
6: — A:In bag

B:In Tube

C:In Tray

E:W/Cap In Tube

F:W/Cap In Tape&Reel



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

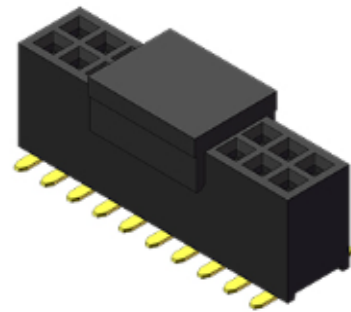
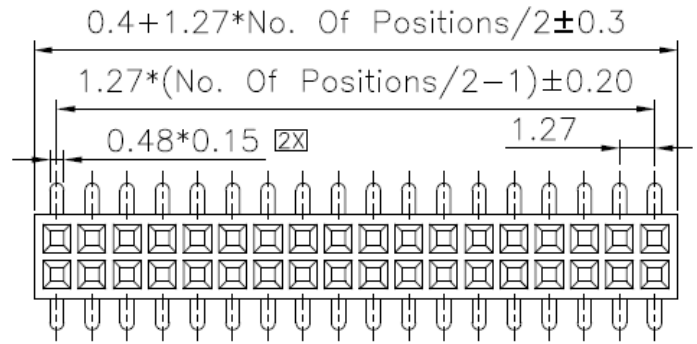
Operating Temperature Range:-40°~+105°C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute



### Ordering Information

S12722M-XXX43-0X

1 2 3 4 5

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

D:10u"Gold on Contact;Gold Flash on tail

F:20u"Gold on Contact;Gold Flash on tail

H:Gold Flash on Contact;Matte Tin on tail

T:10u"Gold on Contact;Matte Tin on tail

Y:30u"Gold on Contact;Matte Tin on tail.

S:Matte Tin Plated.

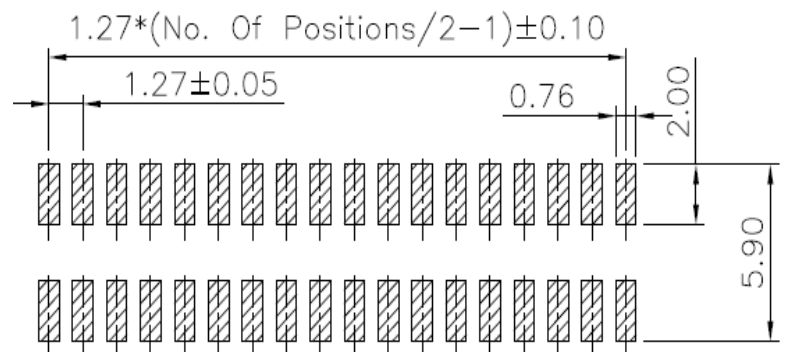
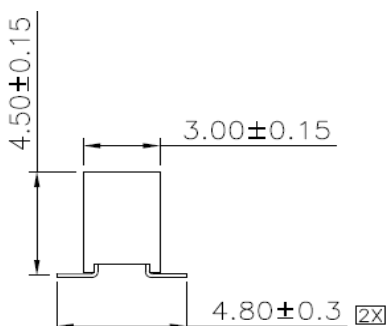
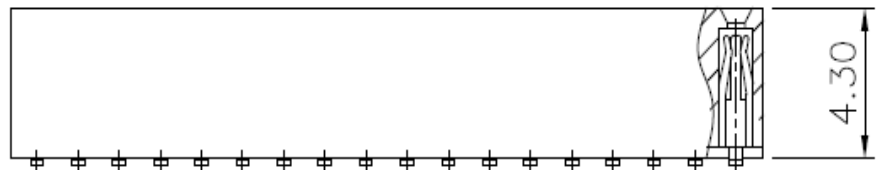
5: — A:In bag

B:In Tube

C:In Tray

E:W/Cap In Tube

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

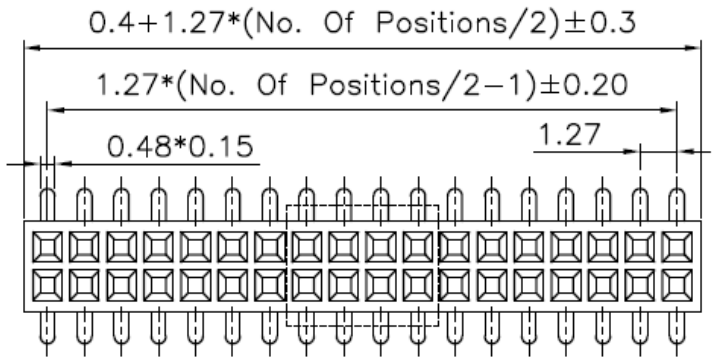
Insulator:Nylon 6T UL94V-0 Color:Black  
 Contact:Phosphor Bronze  
 Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp  
 Voltage Rating:100V AC/DC  
 Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max  
 Insulator resistance:500M ohm min.  
 Withstanding Voltage:500V AC/Minute

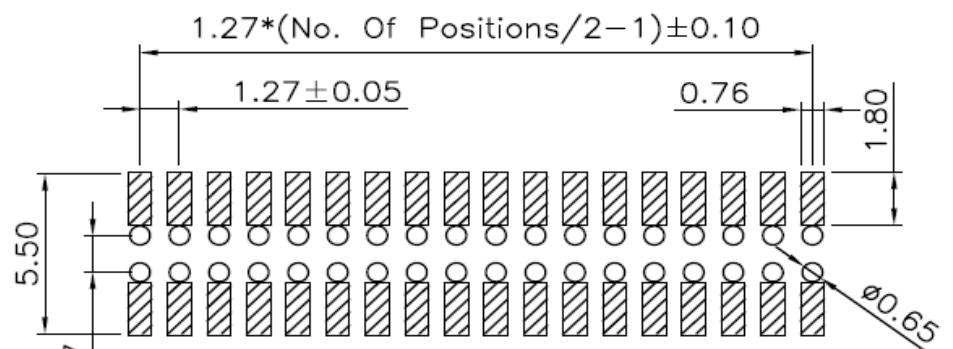
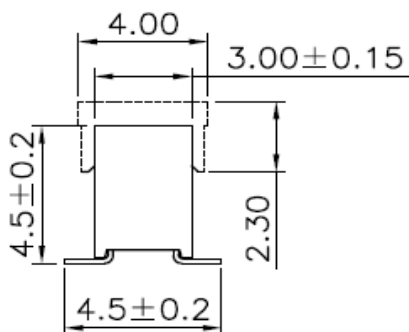
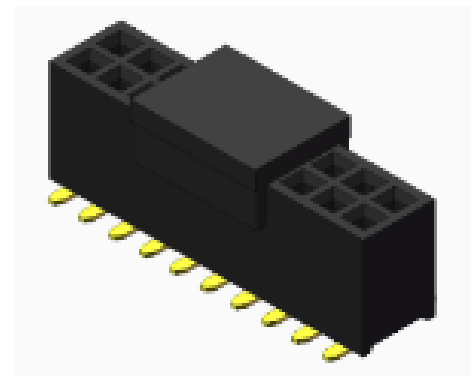
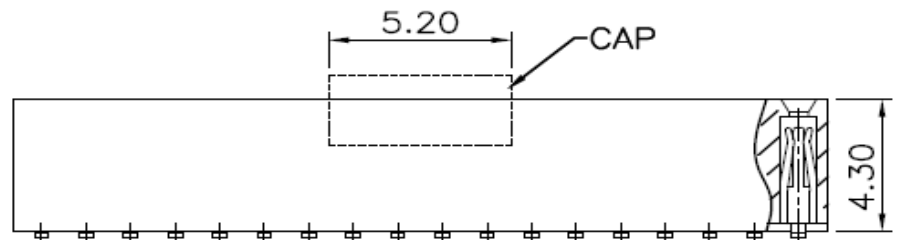


### Ordering Information

**S12722M-XXX43-4X-G**

1 2 3 4 5

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
H:Selective Gold Plated  
T:10u" Gold on contact;Matte Tin on tail  
Q:Tin Plated
- 5: — A:In bag  
B:In Tube  
C:In Tray  
F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:PA6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~ +105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722M-XXX43-5NX-G

1 2 3 4 5 6

1:— Series No.

2:— M:SMT Type

3:— No. of Positions

4:— A:Gold Flash

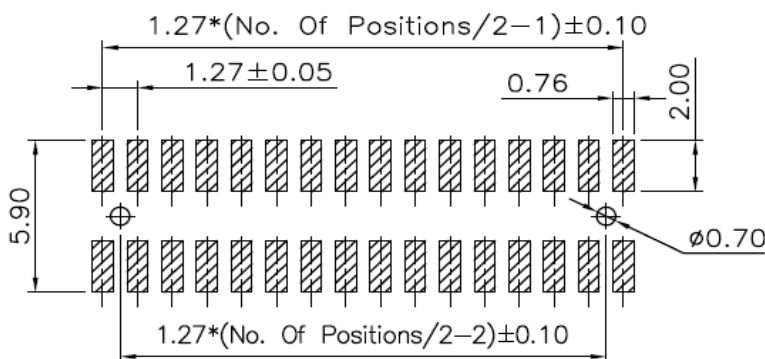
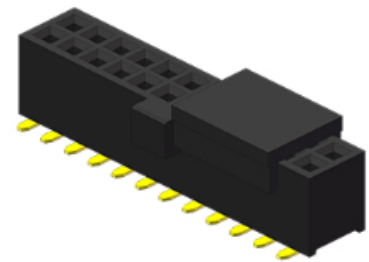
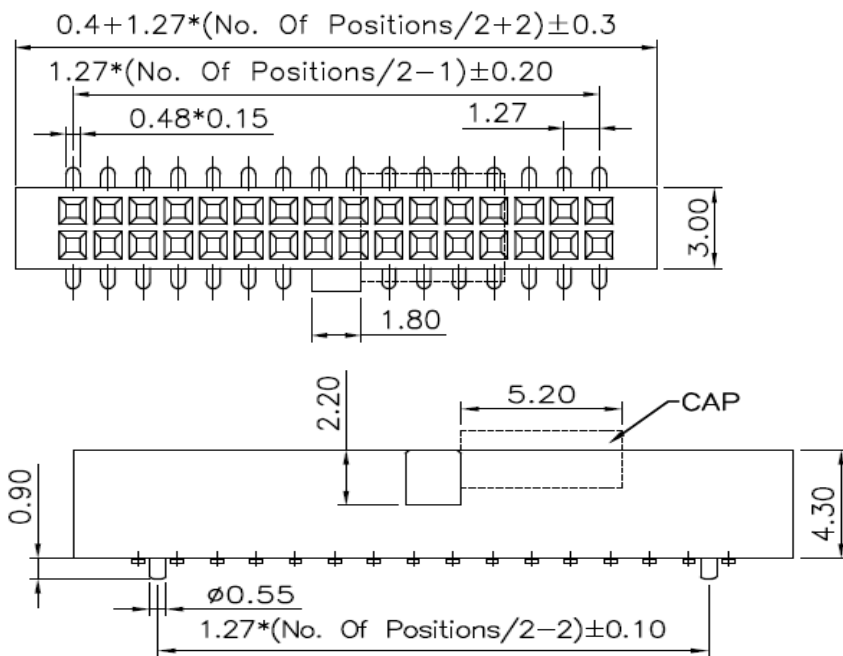
H:Selective Gold Plated

Q:Tin Plated

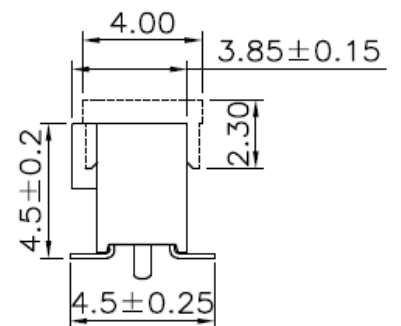
5:— 5:With Bump

6:— E:Mylar In Tape&Reel

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:PA6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722M-XXX43A-5NX

1 2 3 4 5 6

1:— Series No.

2:— M:SMT Type

3:— No. of Positions

4:— A:Gold Flash

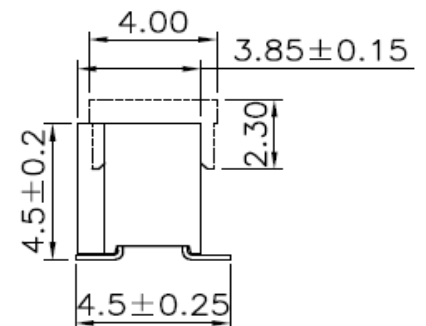
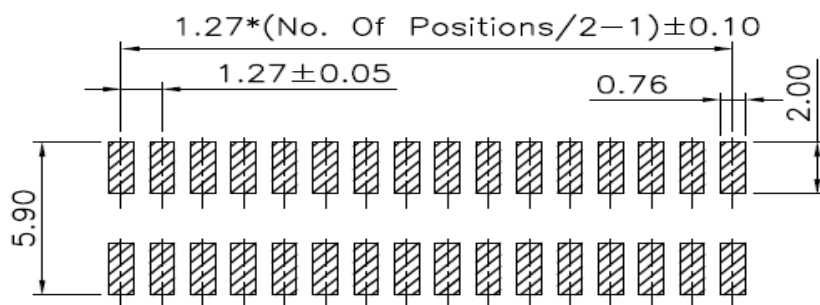
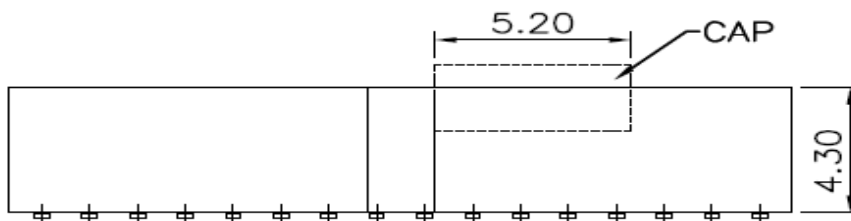
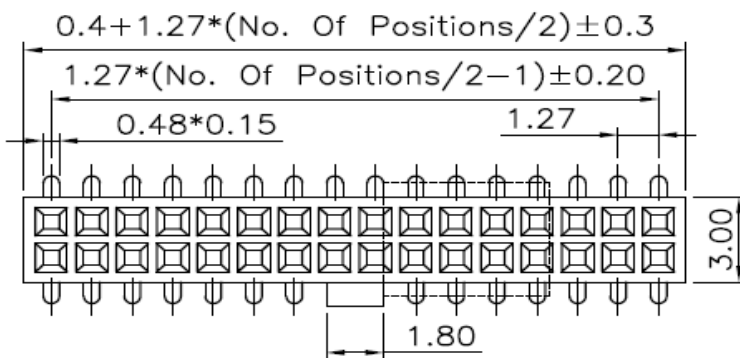
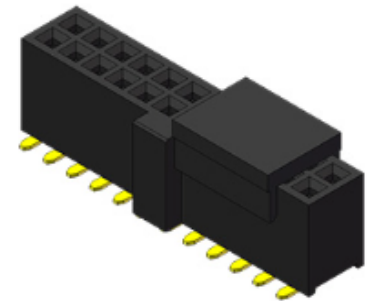
H:Selective Gold Plated

Q:Tin Plated

5:— 5:With Bump

6:— E:Mylar In Tape&Reel

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722M-28A43D-1E

1 2 3 4 5 6

1:— Series No.

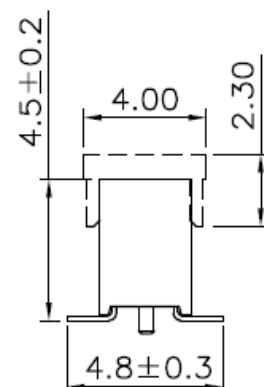
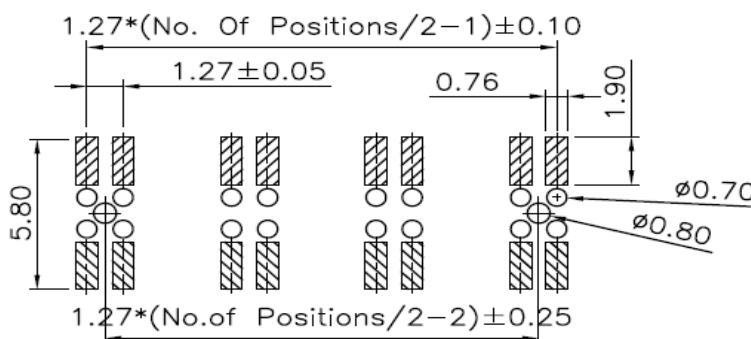
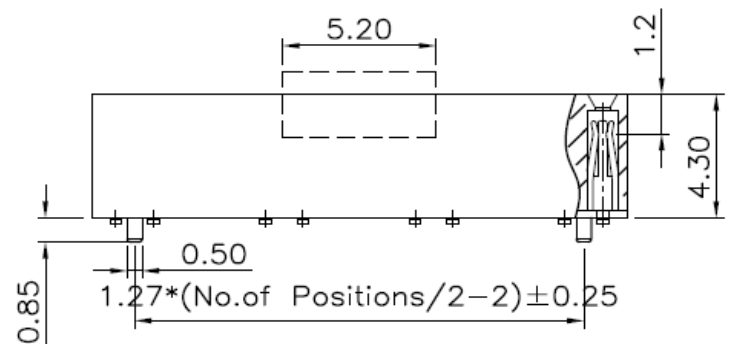
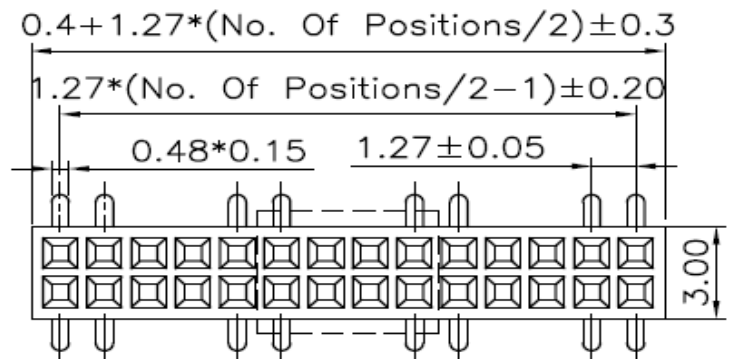
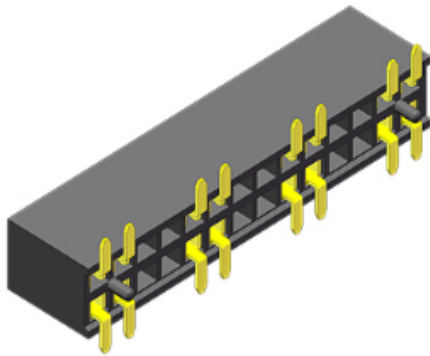
2:— M:SMT Type

3:— No. of Positions

4:— A:Gold Flash

5:— 1:With Peg

6:— E:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

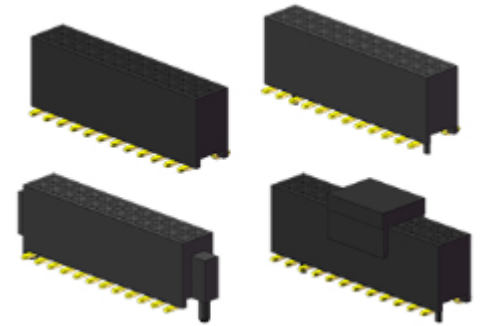
### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information



### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

### Electrical:

Contact resistance:20m Ohm Max

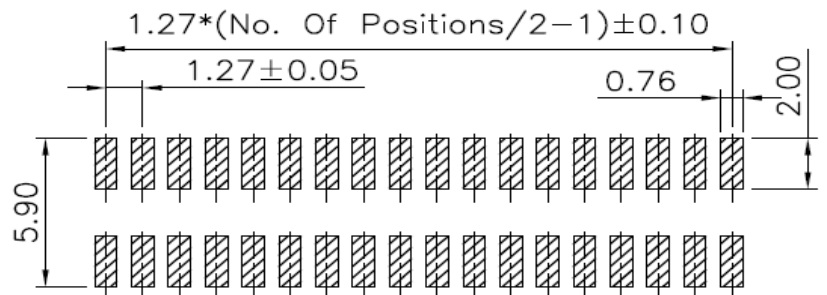
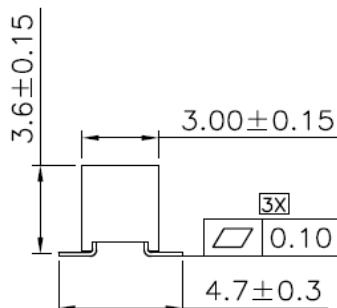
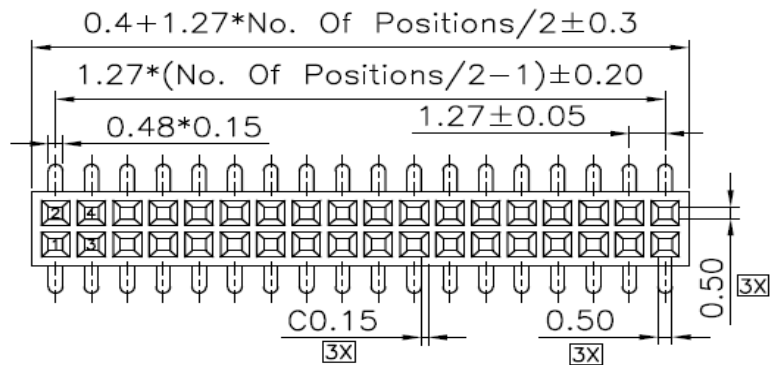
Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

**S12712M-XXX34-XX-XX**  
 2 3 4 5 6 7

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
 1 H:Selective Gold Plated  
 Q:Tin Plated  
 N:Gold 3U"  
 Y:30u" Gold on contact;Matte Tin on tail
- 5: — 0:W/O Peg 1:W/Peg 5:With Bump
- 6: — A:In bag  
 B:In Tube  
 C:In Tray  
 E:W/Cap In Tube  
 F:W/Cap In Tape&Reel
- 7: — 3:W/Peg out side



Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12712S-XXX34-X

1 2 3 4 5

1: — Series No.

2: — S: Straight Type

3: — No. of Positions

4: — A: Gold Flash

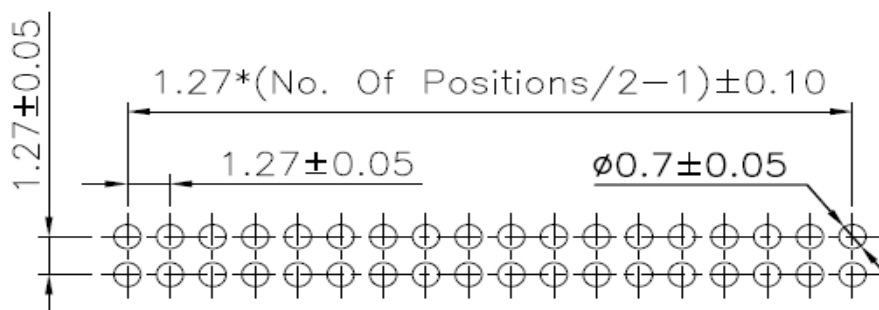
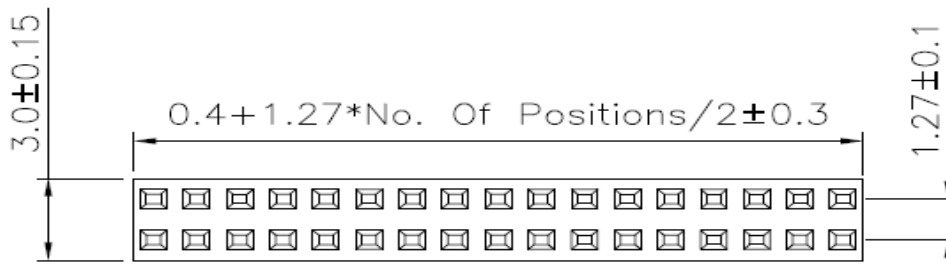
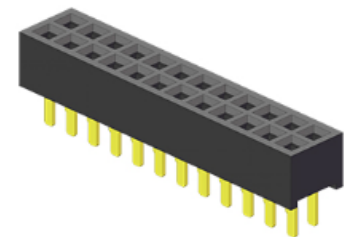
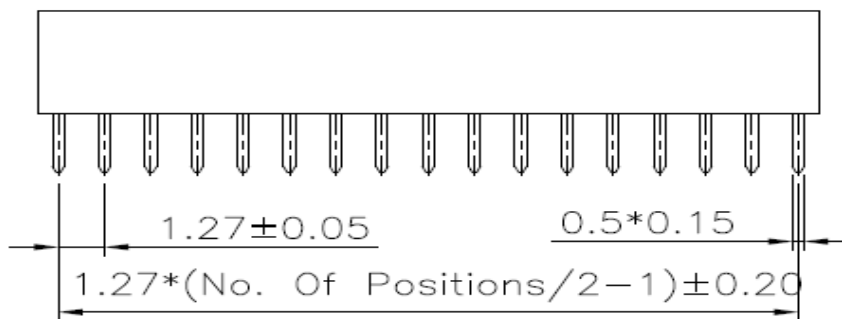
H: Selective Gold Plated

Q: Tin Plated

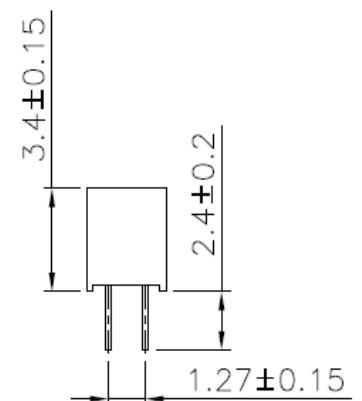
5: — A: In bag

B: In Tube

F: W/Cap In Tape&Reel



Recommended PCB Layout



## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

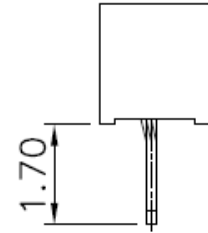
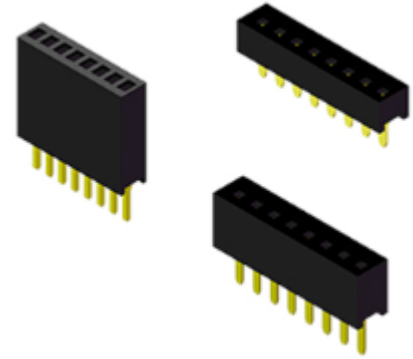
Operating Temperature Range:-40° ~+105° C

### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute



### Ordering Information

**S127X1S-XXX-XXX-XX**

1 234 5 6 789 1011

1: — Series No.

2: — Type code

1=3.4mm 2=2.0mm 3=8.5mm

3: — Row number

4: — S: Straight type

5: — No. of Positions

6: — A: Gold Flash

H: Selective Gold Plated

Q: Tin Plated

7: — TYPE: A=A Type B=B Type

8: — Peg (0: W/O Peg 1: W/1 Peg)

9: — A: In bag

B: In Tube

C: In Tray

E: With Cap In Tube

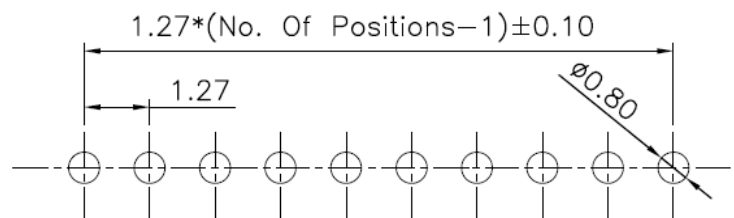
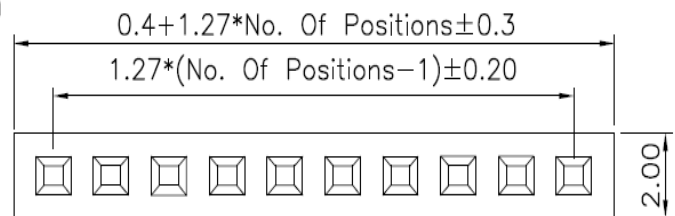
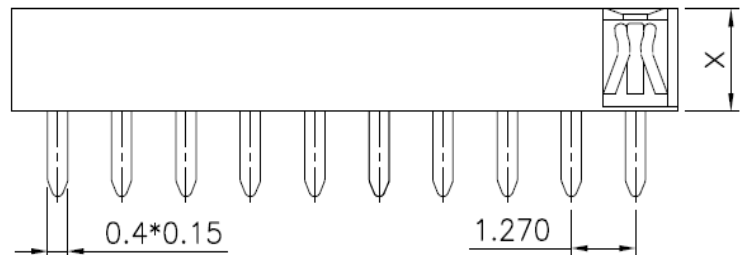
F: With Cap In Tape & Reel

10: — **Material**

P: PBT; C: LCP; A: PA46; N: PA6T;

L: PA66; S: PPS; 4: PA4T; G: PA9T

11: — Color



Recommended PCB Layout (Tolerance: 0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

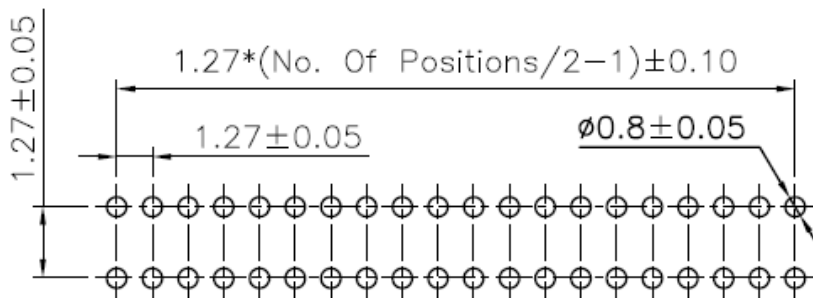
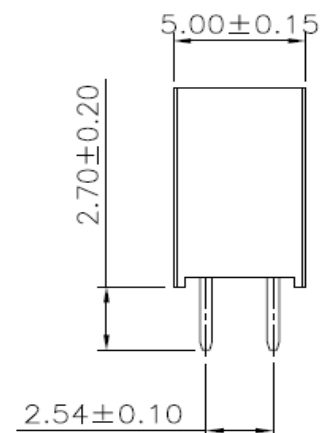
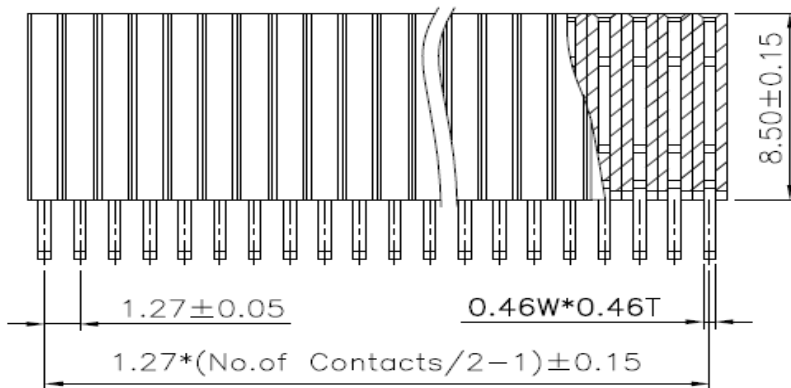
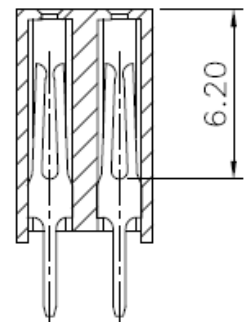
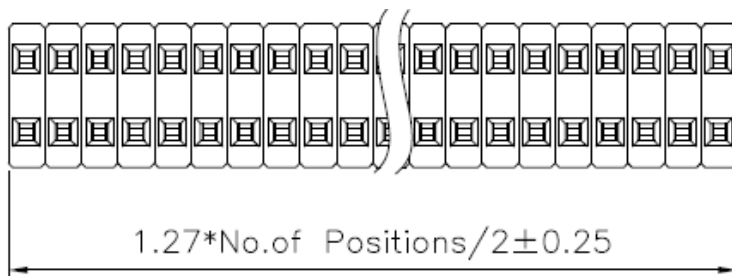
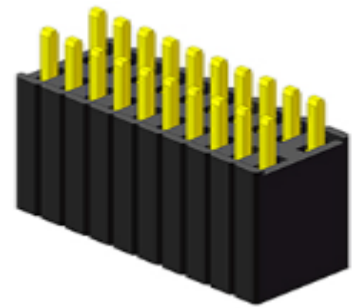
Withstanding Voltage:500V AC/Minute

### Ordering Information

S27552S-XXX85-X

1 2 3 4 5

- 1: — Series No.
- 2: — S: Straight Type
- 3: — No. of Positions
- 4: — A: Gold Flash  
Q: Tin Plated
- 5: — A: In bag  
B: In Tube  
C: In Tray  
F: W/Cap In Tape&Reel



Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~ +105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12711M-XXX34-X0X

1 2 3 4 5 6

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

Q:Tin Plated

5: — A:A Type

B:B Type

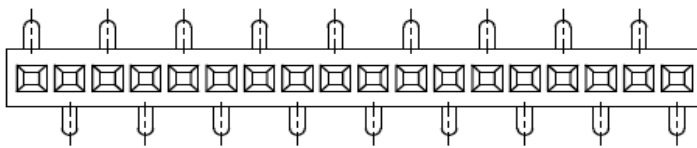
5: — A:In bag

B:In Tube

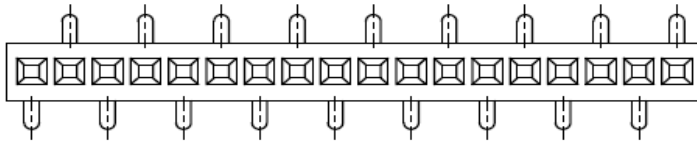
C:In Tray

E:W/Cap In Tube

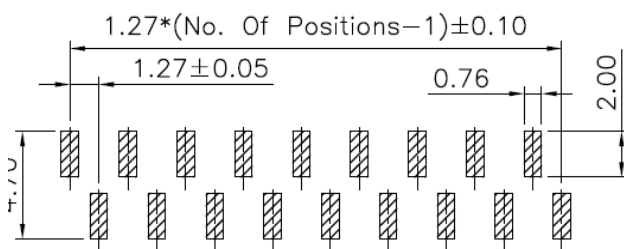
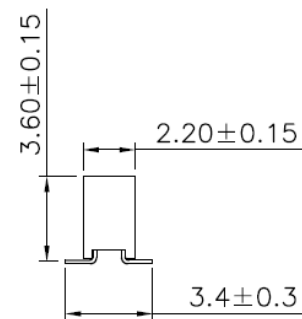
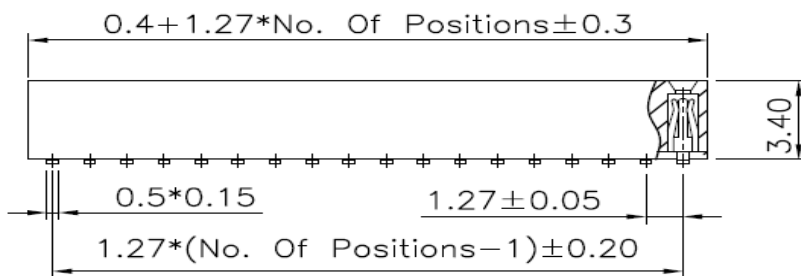
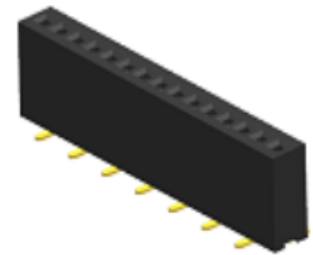
F:W/Cap In Tape&Reel



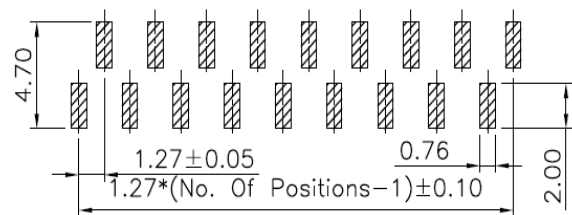
A Type



B Type



A Type



B Type

Recommended PCB Layout(Tolerance:0.05mm)

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+125° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12711R-XXX34-NX

1 2 3 4 5

1: — Series No.

2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

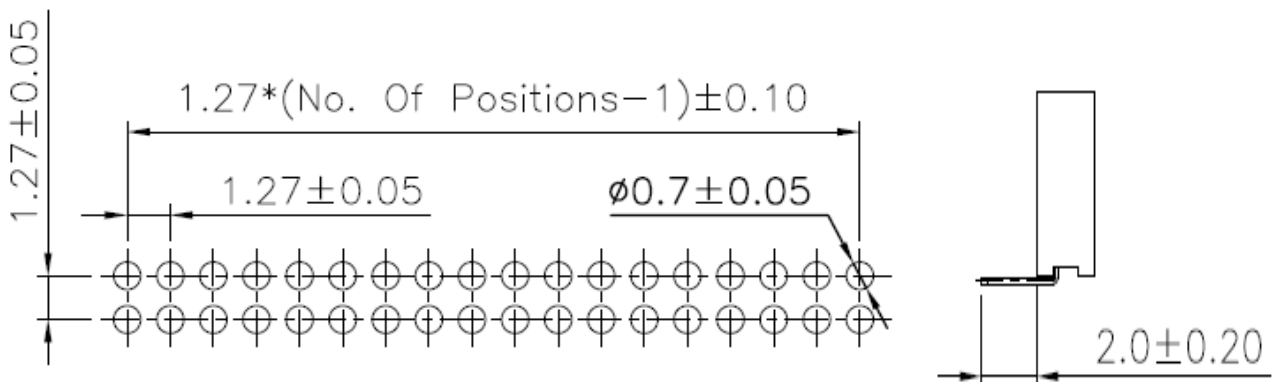
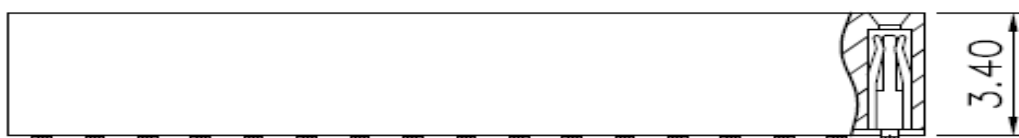
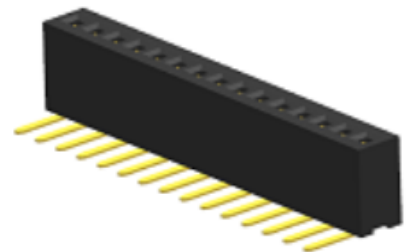
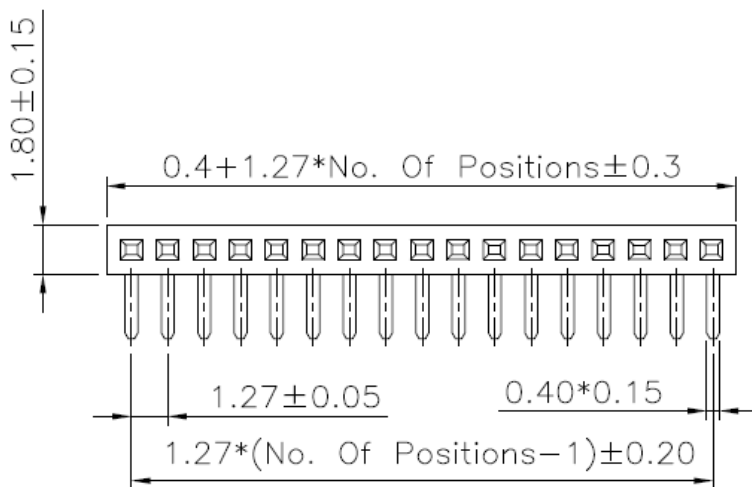
Q:Tin Plated

5: — A:In bag

B:In Tube

C:In Tray

D:In Tape&Reel



Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S12722R-XXX43-X

1 2 3 4 5

1: — Series No.

2: — R:R/A Type

3: — No. of Positions

4: — A:Gold Flash

H:Selective Gold Plated

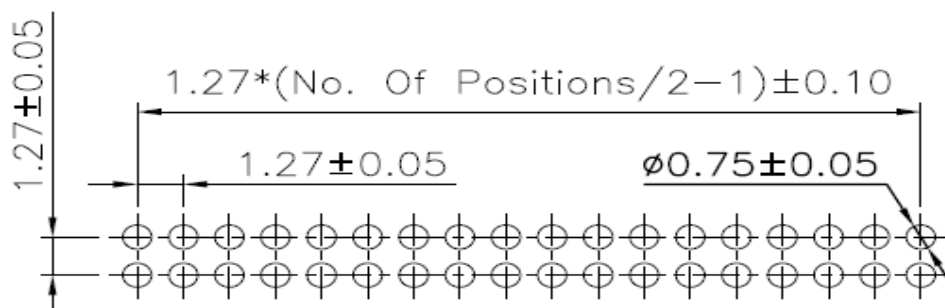
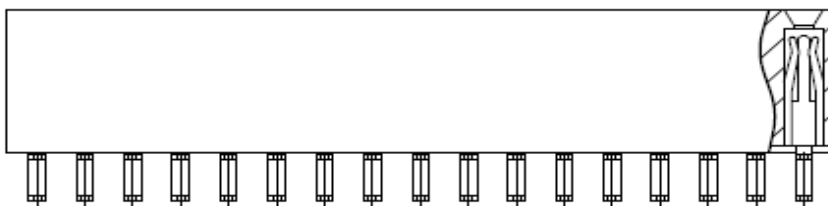
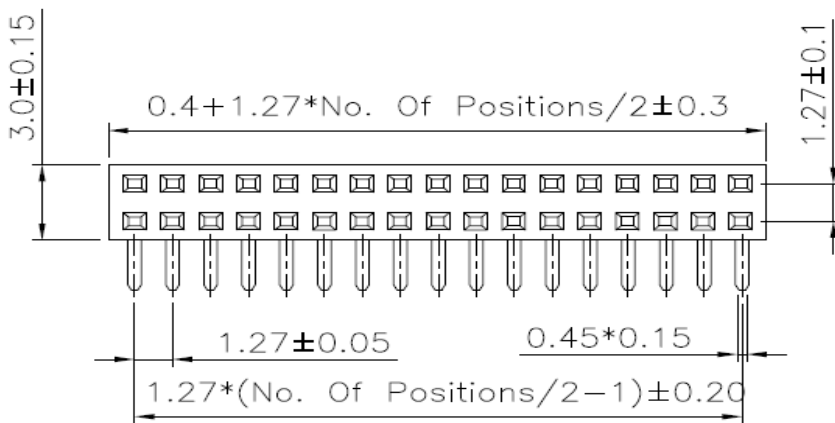
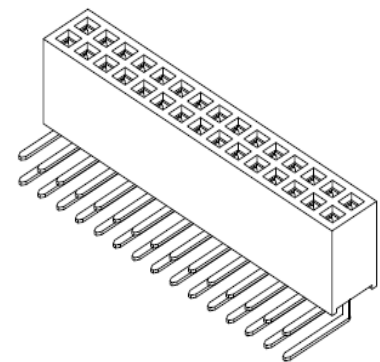
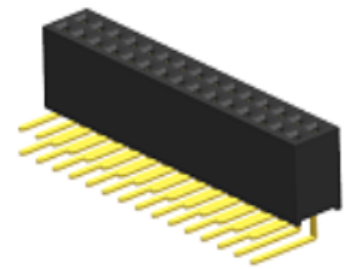
Q:Tin Plated

5: — A:In bag

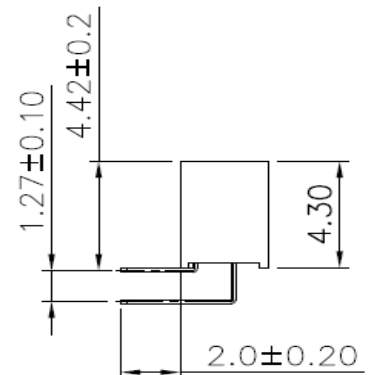
B:In Tube

C:In Tray

D:In Tape&Reel



Recommended PCB Layout





## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:LCP UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40°~+105°C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

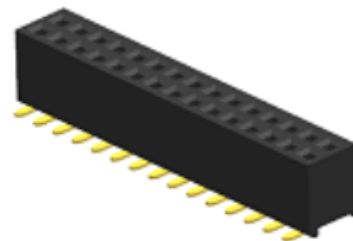
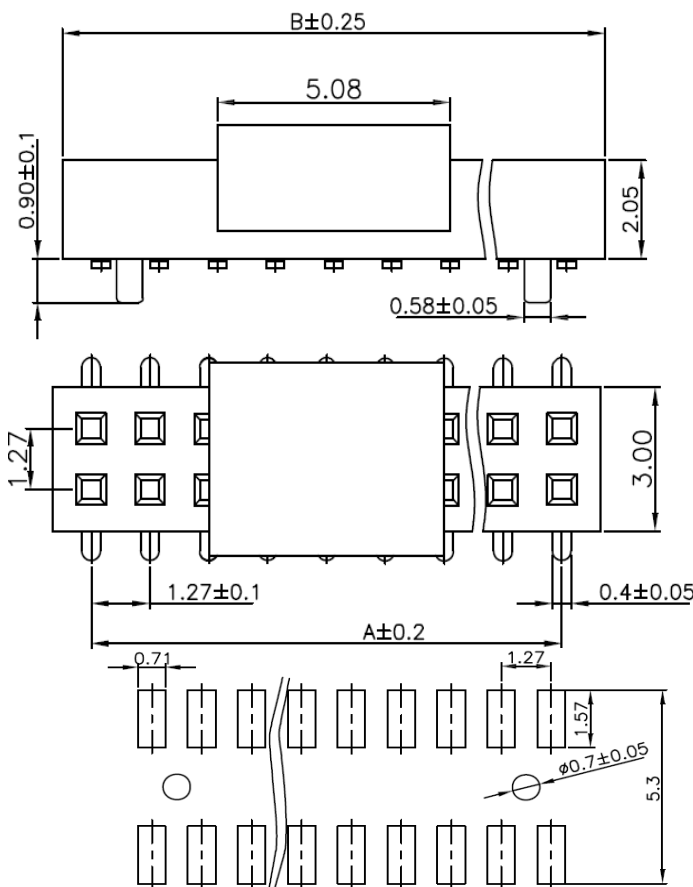
Withstanding Voltage:500V AC/Minute

### Ordering Information

S12742M-XXX20-01-XX

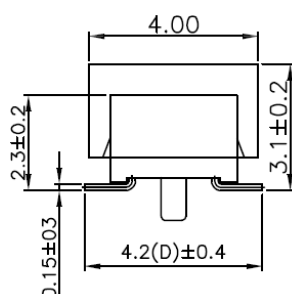
1 2 3 4 5 6

- 1: — Series No.
- 2: — M:SMT Type
- 3: — No. of Positions
- 4: — A:Gold Flash  
H:Selective Gold Plated  
Q:Tin Plated
- 5: — O:W/O Peg  
1:W/Peg
- 6: — A:In bag  
B:In Tube  
C:In Tray  
E:W/Cap In Tube  
F:W/Cap In Tape&Reel



pin	A	B
2x2	1.27	2.94
2x3	2.54	4.21
2x4	3.81	5.48
2x5	5.08	6.75
2x6	6.35	8.02
2x7	7.62	9.29
2x8	8.89	10.56
2x9	10.16	11.83
2x10	11.43	13.10
2x11	12.70	14.37
2x12	13.97	15.64
2x13	15.24	16.91
2x14	16.51	18.18
2x15	17.78	19.45
2x16	19.05	20.72
2x17	20.32	21.99
2x18	21.59	23.26
2x19	22.86	24.53
2x20	24.13	25.80
2x21	25.40	27.07
2x22	26.67	28.34
2x23	27.94	29.61
2x24	29.21	30.88
2x25	30.48	32.15
2x26	31.75	33.42
2x27	33.02	34.69
2x28	34.29	35.96
2x29	35.56	37.23
2x30	36.83	38.50
2x31	38.10	39.77
2x32	39.37	41.04
2x33	40.64	42.31
2x34	41.91	43.58
2x35	43.18	44.85
2x36	44.45	46.12
2x37	45.72	47.39
2x38	46.99	48.66
2x39	48.26	49.93
2x40	49.53	51.20
2x41	50.80	52.47
2x42	52.07	53.74
2x43	53.34	55.01
2x44	54.61	56.28
2x45	55.88	57.55
2x46	57.15	58.82
2x47	58.42	60.09
2x48	59.69	61.36
2x49	60.96	62.63
2x50	62.23	63.90

PCB LAYOUT



REVISION RECORD					
REV.	DATE.	ECN.	DESCRIPTION.	DRFT.	CHKD.
A	8/21'12		NEW	MAR	KITTY
B	8/22'12	E120822	Added Cap	MAR	KITTY
C	8/27'12	E120827	Added Post	MAR	KITTY
D	9/6'12	E120906	Modify PCB Layout Order Information	MAR	KITTY

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S27551S-XXX85-X

1 2 3 4 5

1: — Series No.

2: — S: Straight Type

3: — No. of Positions

4: — A: Gold Flash

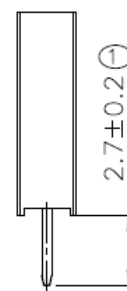
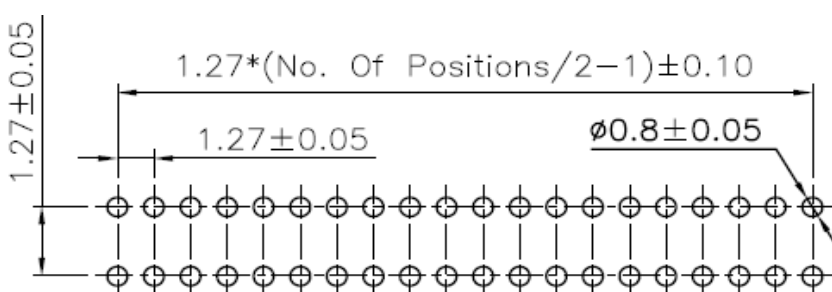
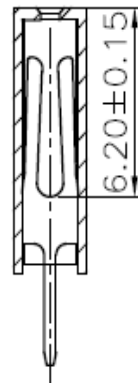
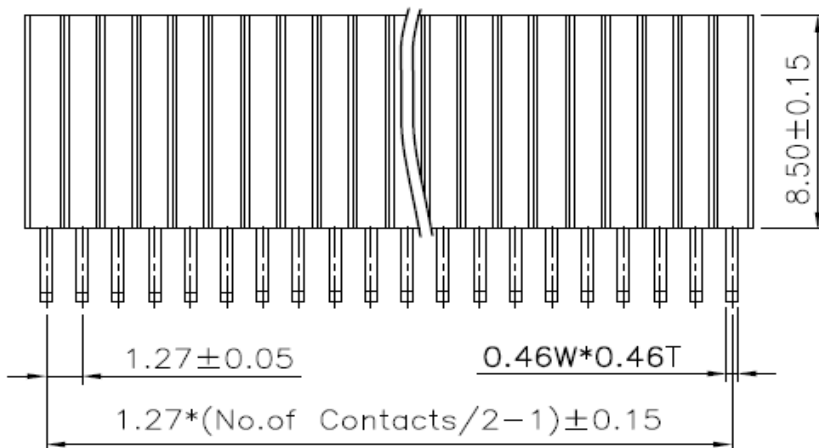
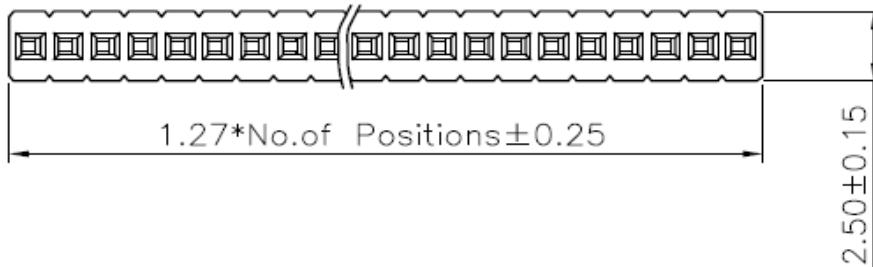
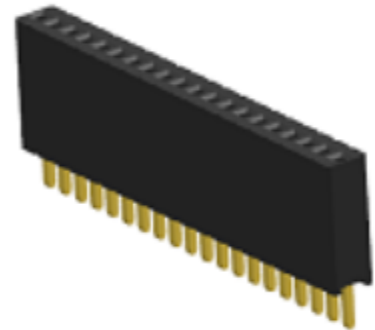
Q: Tin Plated

5: — A: In bag

B: In Tube

C: In Tray

F: W/Cap In Tape&Reel



Recommended PCB Layout

## .050" (1.27mm) Female Header

### Specifications:

#### Material And Finish:

Insulator:Nylon 6T UL94V-0 Color:Black

Contact:Phosphor Bronze

Plated:See Ordering Information

#### Rating:

Current Rating:1.0 Amp

Voltage Rating:100V AC/DC

Operating Temperature Range:-40° ~+105° C

#### Electrical:

Contact resistance:20m Ohm Max

Insulator resistance:500M ohm min.

Withstanding Voltage:500V AC/Minute

### Ordering Information

S27562M-XXX58-XX

1 2 3 4 5 6

1: — Series No.

2: — M:SMT Type

3: — No. of Positions

4: — A:Gold Flash

Q:Tin Plated

5: — 0:W/O Peg

1:W/Peg

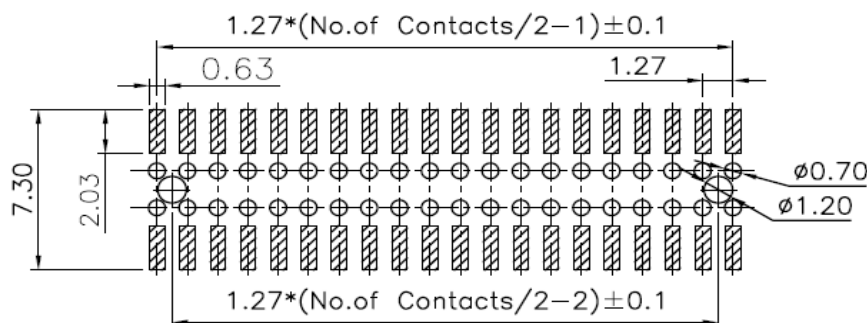
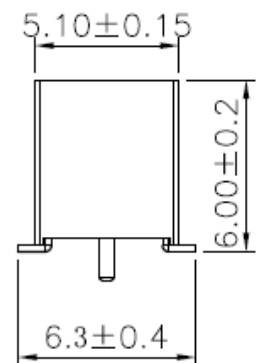
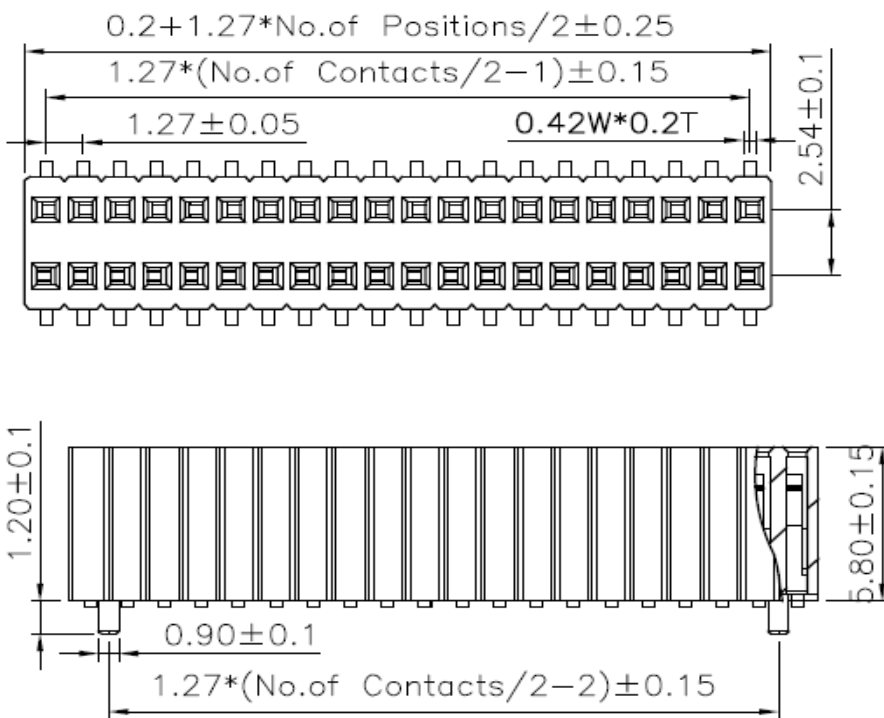
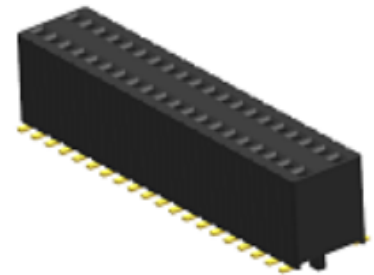
6: — A:In bag

B:In Tube

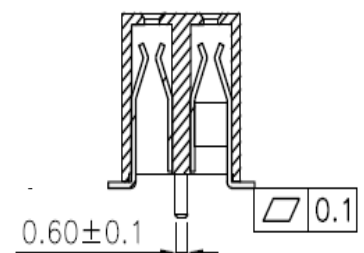
C:In Tray

E:W/Cap In Tube

F:W/Cap In Tape&Reel



Recommended PCB Layout(Tolerance:0.05mm)



**BRIGHT**<sup>®</sup>

**.050" (1.27mm) Female Head**

