

4

3

2

1

## REVISION DATA

| REV | DESCRIPTION | DATE       |
|-----|-------------|------------|
| A0  | NEW DRAWING | 2015-10-12 |

## Specification

## Material:

Contact Material: Phosphor Bronze

Contact plating: Au or Sn Over30-50u" Ni

Insulator Material: Black Polyester UL94V-0

Standard: PA6T/PA9T/LCP+30%G.F

## Electrical:

Current rating: 1.0Amps/contact max.

Contact resistance:  $\leq 20m\Omega$ /contactInsulation resistance:  $\geq 500M\Omega$  at V=100V

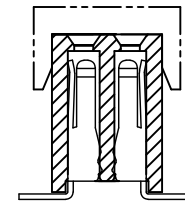
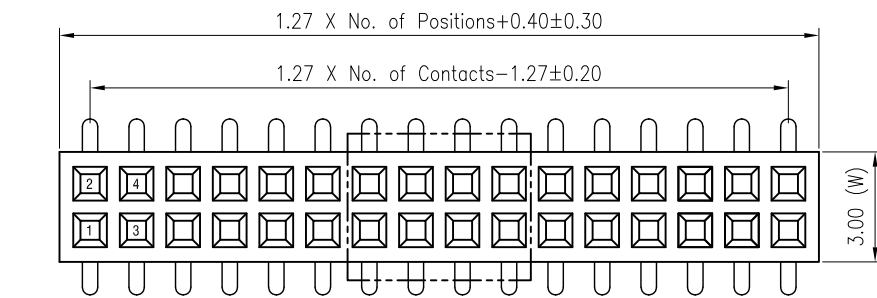
Withstanding Voltage: 300V AC/minute

## Mechanical:

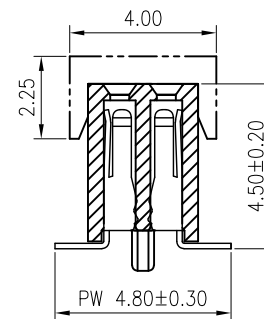
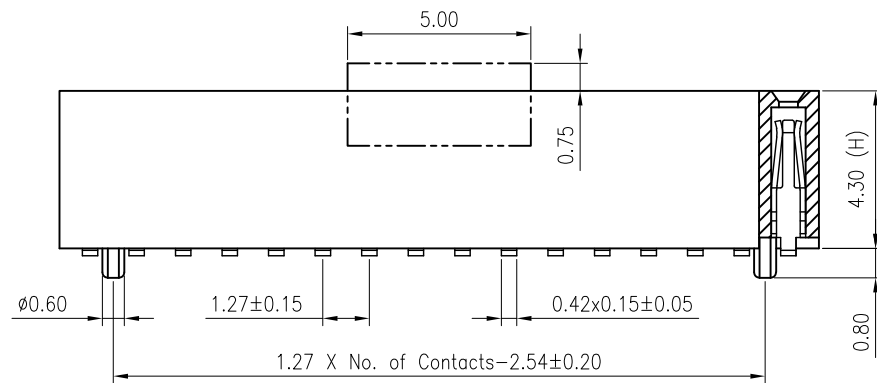
Operating temperature: -40°C to +105°C

Reflow soldering temperature: 260 $\pm$ 5°C,10s

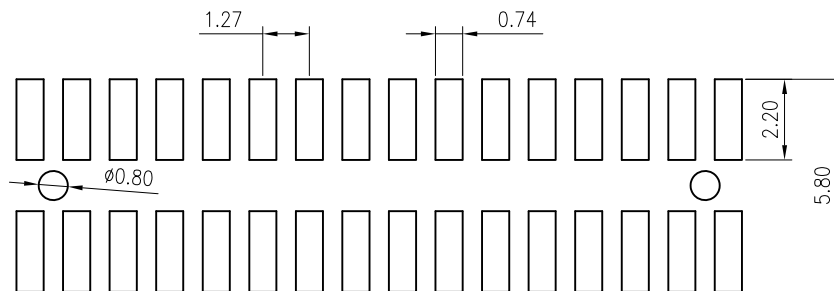
|           |         |
|-----------|---------|
| PROJECT   | PW (mm) |
| Standard  | 4.8     |
| Specified |         |



Without Peg



With Peg



P.C.B LAYOUT

| FC04                              | 2XX1                       | S                        | XX   | P  | X   | B                          | W  | X   | S00                       |
|-----------------------------------|----------------------------|--------------------------|--|--|---|----------------------------|--|---|---------------------------|
| Product Descriptions<br>FC04 H4.3 | No. of Positions<br>03-50P | Angle Type<br>S SMT Type | Contact Plated<br>SN Tin120u"<br>MT 雾锡120u"<br>GF Gold 0.8u"<br>G1 Au1u"<br>G3 Au3u"<br>G4 Au5u"<br>G6 Au10u"<br>G7 Au15u"<br>G8 Au30u"<br>GA Au1.5u"<br>S1 半金锡1u" | Contact Material<br>P Phosphor<br>Bronze | Insulator Material<br>C PA6T<br>E PA9T<br>F LCP | Insulator Color<br>B Black | Insulator Feature<br>N Without Peg<br>W With Peg | Packing Options<br>C PVC Box<br>D Tube<br>E Tube+CAP<br>F Tape Reel<br>G Reel+CAP<br>H Tube+Mylar<br>I Reel+Mylar | Series No.<br>S00 PW4.8mm |

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DONGGUAN GUANG SU ELECTRONIC TECHNOLOGY CO.,LTD

| TOLERANCE           | PROJECTON  |            | TITLE:                               |
|---------------------|------------|------------|--------------------------------------|
| ANGLE $\pm 5^\circ$ | DATE :     | 2015-10-12 | 双排SMT带内柱排母 PH1.27 H4.3 U型 PW4.8      |
| X.XXX $\pm 0.10$    | DRAWN :    | SAMTEK     | PART NO. FC042XX1SXXPBWXS00          |
| X.XX $\pm 0.20$     | CHECKED :  |            | DRAWING NO.                          |
| X.X $\pm 0.30$      | APPROVED : |            | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4 |
| X. $\pm 0.50$       |            |            |                                      |

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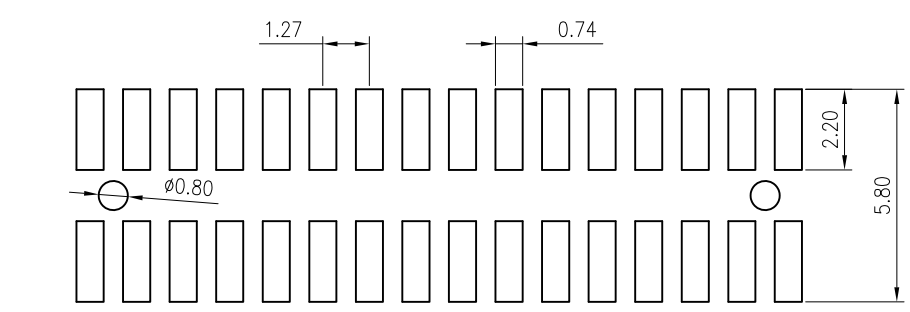
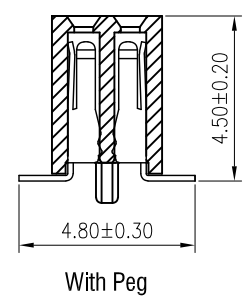
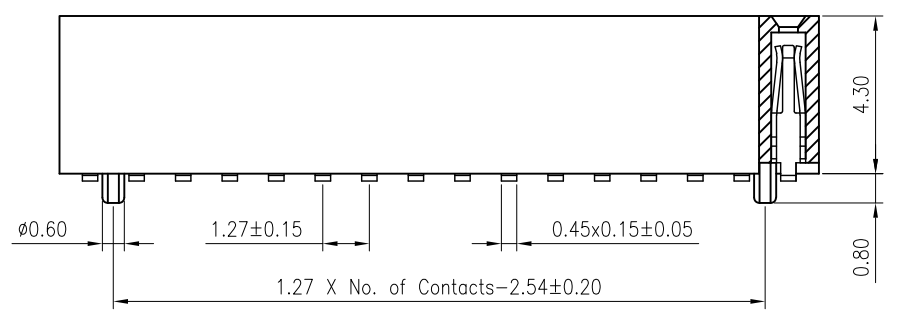
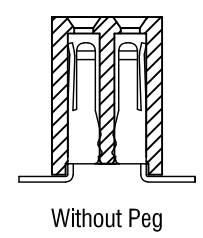
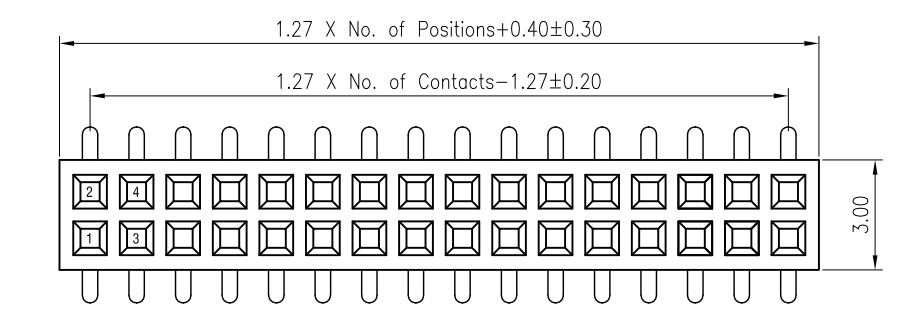
|               |             |            |  |
|---------------|-------------|------------|--|
| 2             |             | 1          |  |
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 Withstanding Voltage: 300V AC/minute

**Mechanical:**  
 Operating temperature: -40°C to +105°C  
 Reflow soldering temperature: 260±5°C,10s



P.C.B LAYOUT

|                                   |                            |                          |  |  |   |                            |  |   |                           |
|-----------------------------------|----------------------------|--------------------------|--|--|---|----------------------------|--|---|---------------------------|
| FC04                              | 2XX1                       | S                        | XX   | P  | X   | B                          | W  | X   | S00                       |
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|             |           |            |                                      |
|-------------|-----------|------------|--------------------------------------|
| TOLERANCE   | PROJECTON |            | TITLE:                               |
| ANGLE ±5°   | DATE:     | 2015-10-12 | 双排SMT带内柱排母 PH1.27 H4.3 U型 PW4.8      |
| X.XXX ±0.10 | DRAWN:    | SAMTEK     | PART NO. FC042XX1SXXPBWXS00          |
| X.XX ±0.20  | CHECKED:  |            | DRAWING NO.                          |
| X.X ±0.30   | APPROVED: |            | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4 |
| X. ±0.50    |           |            |                                      |