

P.C.B LAYOUT

| REVISION DATA |             |            |
|---------------|-------------|------------|
| REV           | DESCRIPTION | DATE       |
| A0            | NEW DRAWING | 2018-04-02 |

## Specification

Material:  
 Contact Material: Brass  
 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: ≤ 20mΩ/contact  
 Insulation resistance: ≥ 500MΩ at V=100V  
 Withstanding Voltage: 300V AC/minute

Mechanical:  
 Operating temperature: -40°C to +105°C  
 Wave soldering temperature: 255 ± 5°C, 10s

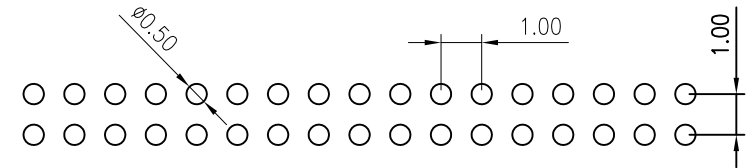
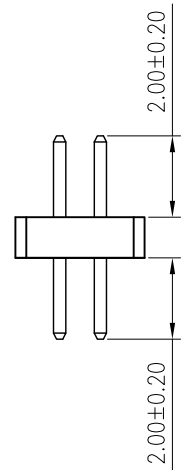
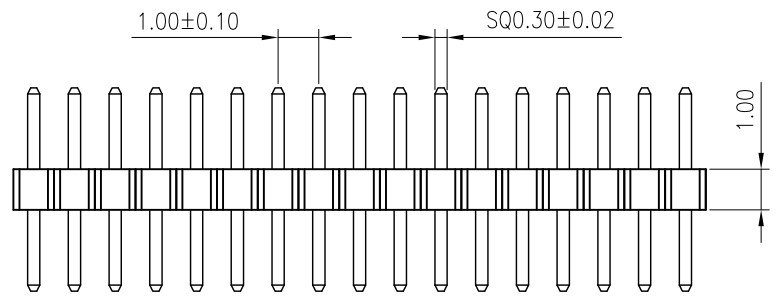
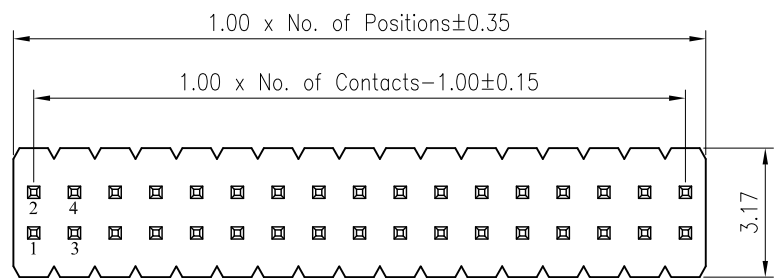
| PROJECT   | PA (mm) | H (mm) | PC (mm) |
|-----------|---------|--------|---------|
| Standard  | 2.00    | 1.00   | 2.0     |
| Specified |         |        |         |

|   |                            |                          |   |   |                            |                                    |  |                                 |
|---|----------------------------|--------------------------|---|---|----------------------------|------------------------------------|--|---------------------------------|
| PB01                                    | 2XX1                       | D                        | XX  | X   | B                          | X                                  | X  | DXXX                            |
| Product Descriptions<br>PB01 H1.0 W3.17 | No. of Positions<br>02-50P | Angle Type<br>D Straight | Contact Plated<br>SN Tin120u"<br>MT 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" | Insulator Material<br>C PA6T<br>E PA9T<br>F LCP | Insulator Color<br>B Black | Insulator Feature<br>N Without Peg | Packing Options<br>A PE Bag<br>C PVC Box<br>D Tube | Series No.<br>DXXX<br>L=PA+H+PC |

**GSAMTEK® 东莞市广溯电子科技有限公司**  
 DONGGUAN GUANG SU ELECTRONIC TECHNOLOGY CO.,LTD

|             |            |            |                                      |
|-------------|------------|------------|--------------------------------------|
| TOLERANCE   | PROJECTON  |            | TITLE:                               |
| ANGLE ±5°   | DATE :     | 2018-04-02 | 双排180度排针PH1.0 H1.0 W3.17 系列图         |
| X.XXX ±0.10 | DRAWN :    | SAMTEK     | PART NO. PB012XX1DXXXBXXDXXX         |
| X.XX ±0.20  | CHECKED :  |            | DRAWING NO.                          |
| X.X ±0.30   | APPROVED : |            | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4 |
| X. ±0.50    |            |            |                                      |

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|   |                            |                          |   |   |                            |                                    |  |  |
|---|----------------------------|--------------------------|---|---|----------------------------|------------------------------------|--|--|
| PB01                                    | 2XX1                       | D                        | XX  | X   | B                          | X                                  | X  | D001                                     |
| Product Descriptions<br>PB01 H1.0 W3.17 | No. of Positions<br>02-50P | Angle Type<br>D Straight | Contact Plated<br>SN Tin120u"<br>MT 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" | Insulator Material<br>C PA6T<br>E PA9T<br>F LCP | Insulator Color<br>B Black | Insulator Feature<br>N Without Peg | Packing Options<br>A PE Bag<br>C PVC Box<br>D Tube | Series No.<br>D001 L5.0mm<br>PA2.0 PC2.0 |

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|             |                      |  |  |
|-------------|----------------------|--|--|
| TOLERANCE   | PROJECTON            |  | TITLE:<br>双排180度排针 PH1.0 H1.0 W3.17 L5.0 PA2.0 PC2.0 |
| ANGLE ±5°   | DATE :<br>2018-04-02 |  |  |
| X.XXX ±0.10 | DRAWN :<br>SAMTEK    |  | PART NO. PB012XX1DXXXBXD001                          |
| X.XX ±0.20  | CHECKED :            |  | DRAWING NO.  |
| X.X ±0.30   | APPROVED :           |  | REV: A0 UNIT: mm SCALE: 3:1 SIZE: A4                 |
| X. ±0.50    |                      |  |  |