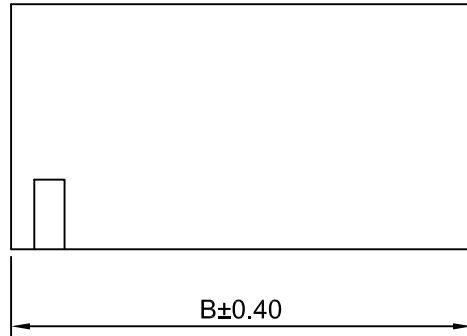




### Ordering Information:

A2541HWRA-XP - \*\* - \*\*\*  
1 2 3

1.Part No.

2.Material:

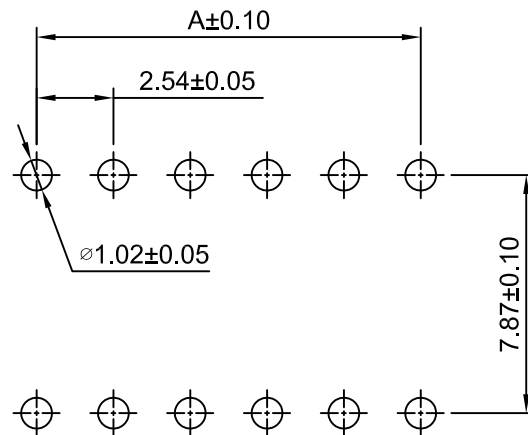
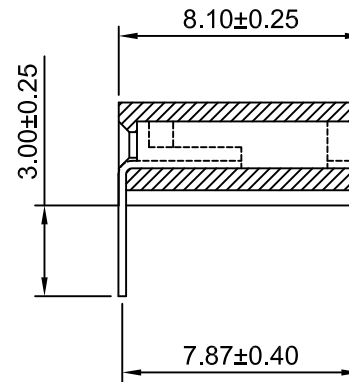
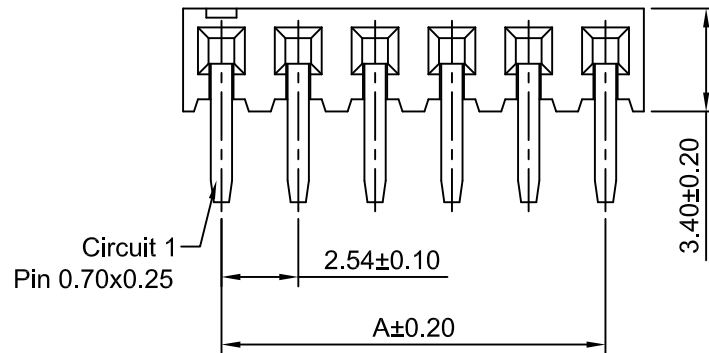
(blank):Nylon 6T,UL94V-0

GWT: Nylon 6T,UL94V-0,GWT 750°C

3.Finish:

(blank): Gold over Nickel

T: Tin over Nickel



P.C.B LAYOUT

### SPECIFICATIONS:

Current Rating: 3A AC,DC

Voltage Rating: 250V AC,DC

Temperature Range: -40°C ~ +105°C

Contact Resistance: 20mΩ Max

Insulation Resistance: 1000MΩ Min

Withstanding Voltage: 1500V AC/minute

Pin Material:Brass/Gold over Nickel

Material:Nylon 6T,UL94V-0(Black)

### Ordering Information & Dimensions

| Circuits | Dimensions (mm) |       | Circuits | Dimensions (mm) |       | Circuits | Dimensions (mm) |        |
|----------|-----------------|-------|----------|-----------------|-------|----------|-----------------|--------|
|          | A               | B     |          | A               | B     |          | A               | B      |
| 2P       | 2.54            | 5.08  | 15P      | 35.56           | 38.10 | 28P      | 68.58           | 71.12  |
| 3P       | 5.08            | 7.62  | 16P      | 38.10           | 40.64 | 29P      | 71.12           | 73.66  |
| 4P       | 7.62            | 10.16 | 17P      | 40.64           | 43.18 | 30P      | 73.66           | 76.20  |
| 5P       | 10.16           | 12.70 | 18P      | 43.18           | 45.72 | 31P      | 76.20           | 78.74  |
| 6P       | 12.70           | 15.24 | 19P      | 45.72           | 48.26 | 32P      | 78.74           | 81.28  |
| 7P       | 15.24           | 17.78 | 20P      | 48.26           | 50.80 | 33P      | 81.28           | 83.82  |
| 8P       | 17.78           | 20.32 | 21P      | 50.80           | 53.34 | 34P      | 83.82           | 86.36  |
| 9P       | 20.32           | 22.86 | 22P      | 53.34           | 55.88 | 35P      | 86.36           | 88.90  |
| 10P      | 22.86           | 25.40 | 23P      | 55.88           | 58.42 | 36P      | 88.90           | 91.44  |
| 11P      | 25.40           | 27.94 | 24P      | 58.42           | 60.96 | 37P      | 91.44           | 93.98  |
| 12P      | 27.94           | 30.48 | 25P      | 60.96           | 63.50 | 38P      | 93.98           | 96.52  |
| 13P      | 30.48           | 33.02 | 26P      | 63.50           | 66.04 | 39P      | 96.52           | 99.06  |
| 14P      | 33.02           | 35.56 | 27P      | 66.04           | 68.58 | 40P      | 99.06           | 101.60 |

**CJTconn**

CHANGJIANG CONNECTORS CO.,LTD.

|                   |  |                                      |            |                                                                                       |  |                               |  |
|-------------------|--|--------------------------------------|------------|---------------------------------------------------------------------------------------|--|-------------------------------|--|
| Unit              |  | Scale                                |            | Sheet                                                                                 |  | Title :<br><br>2.54mm Pitch   |  |
| mm                |  | 4:1                                  |            | 1 of 1                                                                                |  |                               |  |
| Draw By:          |  |                                      | Approved : |                                                                                       |  | 90° Single Row Box Header     |  |
| Diankui Wan       |  |                                      | Jack Yin   |                                                                                       |  |                               |  |
| General Tolerance |  |                                      |            |                                                                                       |  | DRAW NO :<br><br>A2541HWRA-XP |  |
| 4<br>1            |  | x.xx±0.25<br>x.xx±0.20<br>x.xxx±0.15 |            | PROJECT                                                                               |  |                               |  |
|                   |  |                                      |            |  |  |                               |  |
|                   |  |                                      |            |                                                                                       |  |                               |  |
|                   |  |                                      |            |                                                                                       |  | REV<br>A1                     |  |