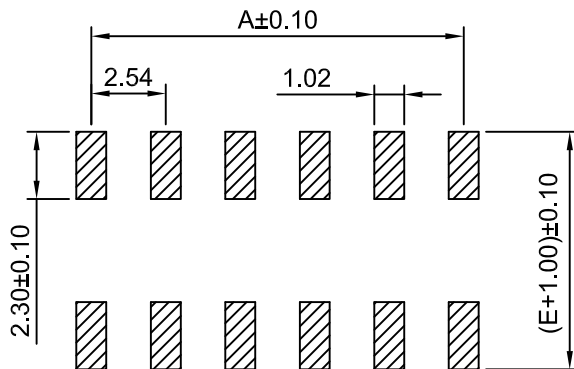
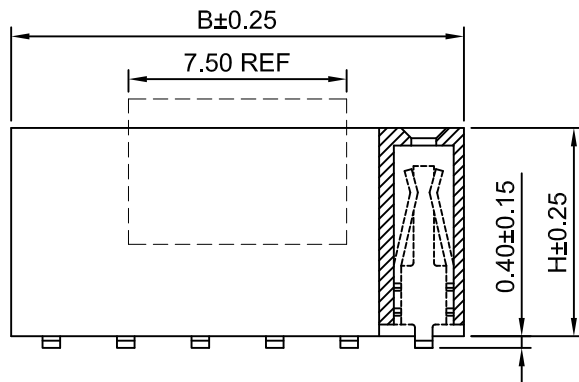
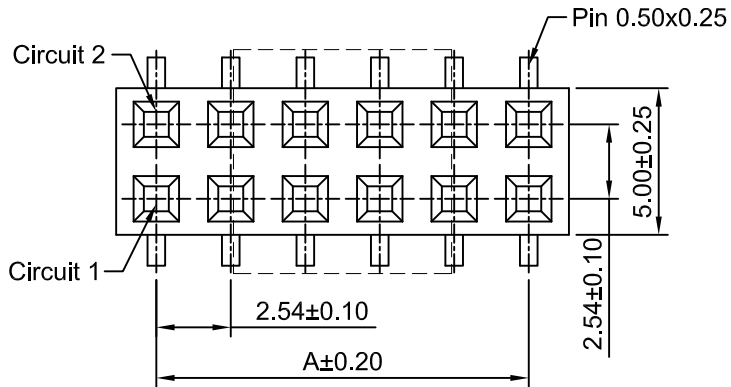




P.C.B LAYOUT  
TOLERANCE:±0.05

#### Ordering Information:

A2541HWV-S-2xXP-U - \*\*\* - \*\*\* - \* - \*\*\*  
1 2 3 4 5

1.Part NO.

2.Size(H):

(Blank): 8.50mm

H71: 7.10mm(Pin 0.60x0.25)

H50: 5.00mm(Pin 0.60x0.25)

H35: 3.50mm(Pin 0.50x0.20,B:B-0.50mm)

3.Size(E):

(Blank): 7.10mm(H85,H71,H35)

E74: 7.40mm(H50)

E66: 6.60mm(H71,H50,H35)

4.Finish:

(Blank): Gold over Nickel(Au:1µin[0.03µm] Min)

G3: Gold over Nickel(Au:3µin[0.08µm] Min,Mating Area)

G10: Gold over Nickel(Au:10µin[0.25µm] Min,Mating Area)

G15: Gold over Nickel(Au:15µin[0.38µm] Min,Mating Area)

G30: Gold over Nickel(Au:30µin[0.76µm] Min,Mating Area)

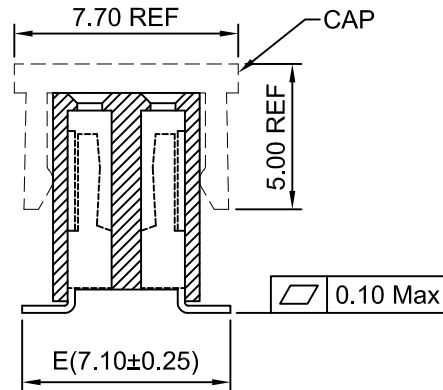
T: Tin over Nickel

5.Material:

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

GWT: Nylon 66,UL94V-0(Black),IEC 60335-1,5th

Edition Glow Wire Capable.



#### 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

#### Ordering Information & Dimensions

| Circuits | Dim(mm) |       | Circuits | Dim(mm) |       | Circuits | Dim(mm) |        |
|----------|---------|-------|----------|---------|-------|----------|---------|--------|
|          | A       | B     |          | A       | B     |          | A       | B      |
| 2x2P     | 2.54    | 5.58  | 2x15P    | 35.56   | 38.60 | 2x28P    | 68.58   | 71.62  |
| 2x3P     | 5.08    | 8.12  | 2x16P    | 38.10   | 41.14 | 2x29P    | 71.12   | 74.16  |
| 2x4P     | 7.62    | 10.66 | 2x17P    | 40.64   | 43.68 | 2x30P    | 73.66   | 76.70  |
| 2x5P     | 10.16   | 13.20 | 2x18P    | 43.18   | 46.22 | 2x31P    | 76.20   | 79.24  |
| 2x6P     | 12.70   | 15.74 | 2x19P    | 45.72   | 48.76 | 2x32P    | 78.74   | 81.78  |
| 2x7P     | 15.24   | 18.28 | 2x20P    | 48.26   | 51.30 | 2x33P    | 81.28   | 84.32  |
| 2x8P     | 17.78   | 20.82 | 2x21P    | 50.80   | 53.84 | 2x34P    | 83.82   | 86.86  |
| 2x9P     | 20.32   | 23.36 | 2x22P    | 53.34   | 56.38 | 2x35P    | 86.36   | 89.40  |
| 2x10P    | 22.86   | 25.90 | 2x23P    | 55.88   | 58.92 | 2x36P    | 88.90   | 91.94  |
| 2x11P    | 25.40   | 28.44 | 2x24P    | 58.42   | 61.46 | 2x37P    | 91.44   | 94.48  |
| 2x12P    | 27.94   | 30.98 | 2x25P    | 60.96   | 64.00 | 2x38P    | 93.98   | 97.02  |
| 2x13P    | 30.48   | 33.52 | 2x26P    | 63.50   | 66.54 | 2x39P    | 96.52   | 99.56  |
| 2x14P    | 33.02   | 36.06 | 2x27P    | 66.04   | 69.08 | 2x40P    | 99.06   | 102.10 |

**CJTconn**

CHANGJIANG CONNECTORS CO.,LTD.

| Unit                                                 | Scale       | Sheet      | TITLE                                                      |  |  |
|------------------------------------------------------|-------------|------------|------------------------------------------------------------|--|--|
| mm                                                   | 4:1         | 1 of 1     | 2.54mm PITCH<br>VERTICAL DUAL ROW BOX HEADER<br>- SMT TYPE |  |  |
| DRAWN                                                | CHK'D       | APPR       |                                                            |  |  |
| Haisen Li                                            | Djankui Wan | Jack Yin   | DRAWING NO.                                                |  |  |
| General Tolerances                                   |             |            | THIRD ANGLE PROJECTION                                     |  |  |
| x.xx±0.25<br>x.xxx±0.20<br>x.xxxx±0.15<br>ANGLES ±1° |             |            | A2541HWV-S-2xXP-U                                          |  |  |
| A0                                                   | NEW RELEASE | 2005.07.01 | REV A0                                                     |  |  |
| REV                                                  | DESCRIPTION | DATE       |                                                            |  |  |