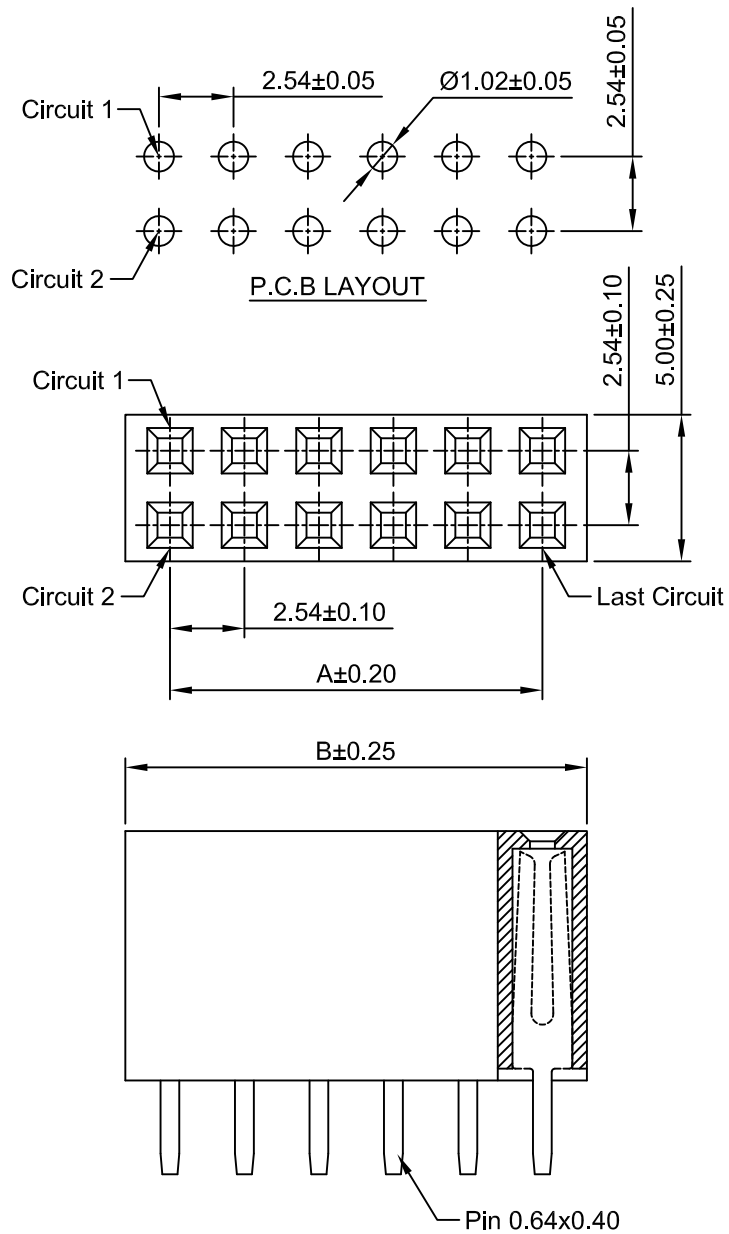




#### Ordering Information:

A2541HWV-2xXP - \*\*\*\* - \*\*\* - \* - \*\*\* - \*\*\*  
1 2 3 4 5 6

##### 1.Part No.

##### 2.Size(H):

(Blank): 8.50mm  
H71: 7.10mm  
H57: 5.70mm  
H50: 5.00mm  
H35: 3.50mm(B:B-0.50mm)  
H110:11.00mm

##### 3.Size(D):

(Blank): 3.20mm(H85,H71,H57,H50,H110)  
D26: 2.60mm(H35)  
D21: 2.10mm(H50)

##### 4.Material:

(Blank): PBT,UL94V-0  
6T: Nylon 6T,UL94V-0  
GWT: Nylon 6T,UL94V-0,GWT 750°C

##### 5.Halogen:

(Blank): Normal Material  
HF: Halogen Free

##### 6.Finish:

(Blank): Gold Flash (Au:1u")  
G15: Gold over Nickel (15u" select gold in contact area;  
80u" min matte Tin on solder tail.)  
G30: Gold over Nickel (30u" select gold in contact area;  
80u" min matte Tin on solder tail.)  
T: Tin over Nickel

#### 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  
Material:PBT,UL94V-0(Black)

#### 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 |

**CJT**conn

CHANGJIANG CONNECTORS CO.,LTD.

| Unit                                                 | Scale       | Sheet                  | TITLE                                           |     |
|------------------------------------------------------|-------------|------------------------|-------------------------------------------------|-----|
| mm                                                   | 4:1         | 1 of 1                 |                                                 |     |
| DRWN                                                 | CHK'D       | APPR                   | 2.54mm PITCH<br>VERTICAL DUAL<br>ROW BOX HEADER |     |
| Wenmin Luo                                           | Diankui Wan | Jack Yin               |                                                 |     |
| General Tolerances                                   |             | THIRD ANGLE PROJECTION | DRAWING NO.                                     | REV |
| x.xx±0.25<br>x.xxx±0.20<br>x.xxxx±0.15<br>ANGLES ±1° |             |                        | A2541HWV-2xXP                                   | A3  |

|     |                        |            |
|-----|------------------------|------------|
| A3  | CHANGE THE DRAWING     | 2021.12.10 |
| A2  | CHANGE THE INFORMATION | 2019.11.13 |
| A1  | updated version        | 2018.04.09 |
| A0  | NEW RELEASE            | 2005.07.01 |
| REV | DESCRIPTION            | DATE       |