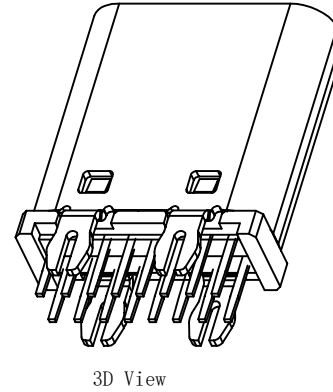
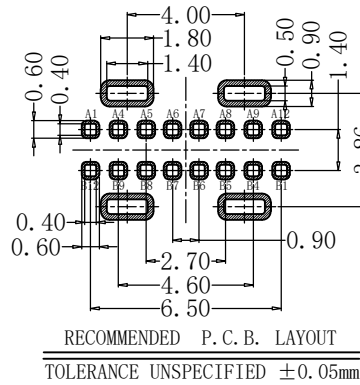
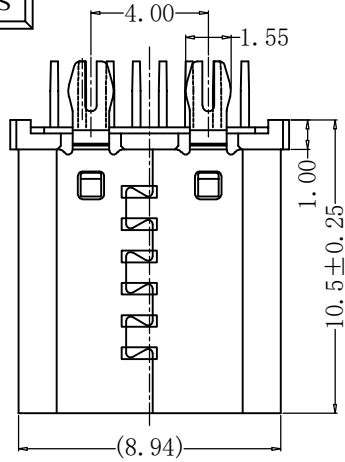
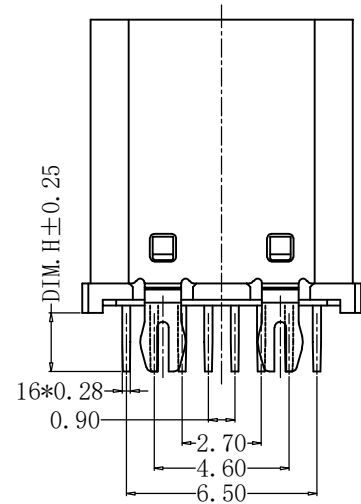
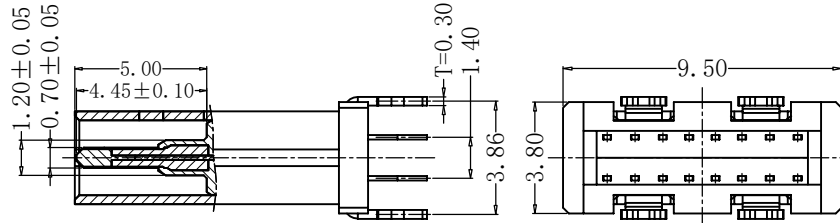
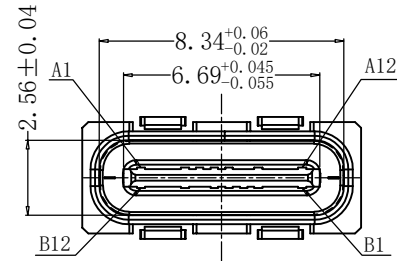


RoHs



3D View

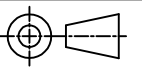


| PIN DEFINE TABLE |        |     |        |
|------------------|--------|-----|--------|
| PIN              | SIGNAL | PIN | SIGNAL |
| A12              | GND    | B1  | GND    |
| A11              |        | B2  |        |
| A10              |        | B3  |        |
| A9               | VBUS   | B4  | VBUS   |
| A8               | SBU1   | B5  | CC2    |
| A7               | D-     | B6  | D+     |
| A6               | D+     | B7  | D-     |
| A5               | CC1    | B8  | SBU2   |
| A4               | VBUS   | B9  | VBUS   |
| A3               |        | B10 |        |
| A2               |        | B11 |        |
| A1               | GND    | B12 | GND    |

CUSTOMER

SIZE  
A4  
UNITS  
MM[INCH]SCALE  
1:1REV.  
CGENERAL TOLERANCES  
UNLESS SPECIFIEDX±0.50  
X'±5.0°  
.X±0.35  
.X'±3.0°.XX±0.25  
.XX'±2.5°  
.XXX±0.15  
.XXX'±2.0°APPROVED BY:  
SongCHECKED BY:  
TangDESIGN BY:  
DengTITLE:  
TYPE-C 16P直立式  
DIP型母座 H10.5mmPART NO.:  
TYPE-C 16PIN(Y449)DWG NO.:  
TYPE-C 16PIN(Y449)

东莞市辉焕精密有限公司

SHEET  
1/2

## SPECIFICATION:

- MATERIAL & FINISH:SEE THE LIST;
- PLATING SPECIFICATION:
  - CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE MATING AREA OF CONTACT.  
Sn PLATED ON THE SOLDER AREA.
  - SHELL: Ni 30u" MIN. UNDER PLATED OVER ALL.
  - MID PLATE: CLEAR ONLY
- MECHANICAL:
  - MATING FORCE: 0.5~2.0kgf;
  - UNMATING FORCE: 0.8~2.0kgf.  
0.6~2.0kgf AFTER DURABILITY TEST;
  - DURABILITY: 10000 CYCLES;
- ELECTRICAL:
  - CURRENT RATING: 3A/5A Max;
  - VOLTAGE RATING: 20V Max;
  - DIELECTRIC WITHSTANDING VOLTAGE: 100VAC;
  - CONTACT RESISTANCE: 40mΩ Ohms Max.;
  - INSULATION RESISTANCE: 100M Ohms Min.;
- ENVIRONMENTAL:
  - OPERATING TEMPERATURE: -40° C~+85° C;
  - WETTING TEMPERATURE: 265±5° C, 5±0.5s
  - Salt Spray Test: 24H/48H Min

| NO. | PART NAME | Q' TY | MATERIAL                  | FINISH          |
|-----|-----------|-------|---------------------------|-----------------|
| 4   | Shell     | 1     | Stainless Steel, T=0.30mm | 30u"Ni Min.     |
| 3   | GroundBar | 1     | Stainless Steel, T=0.15mm | No Plating      |
| 2   | Contact   | 14    | Copper Alloy, T=0.15mm    | Au/Sn/Ni-Plated |
| 1   | Housing   | 1     | High temperature plastic  | UL94 V-0, Black |

