

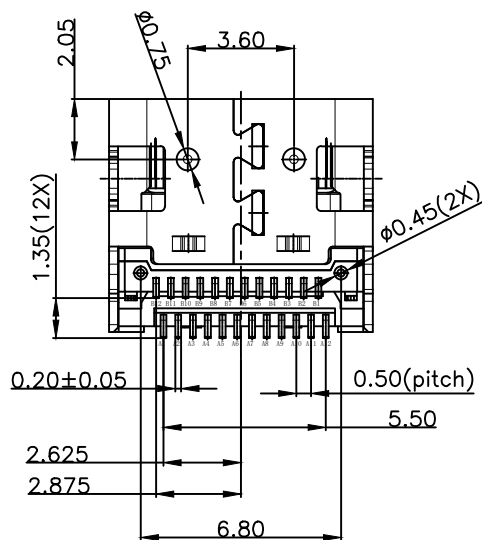
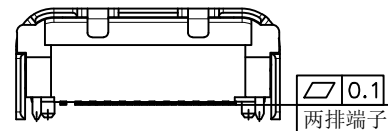
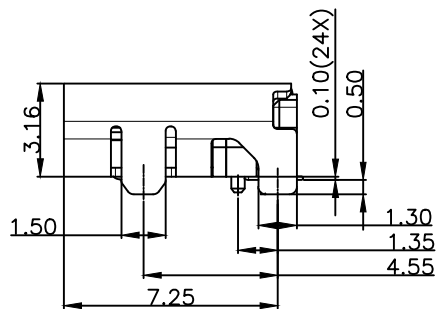
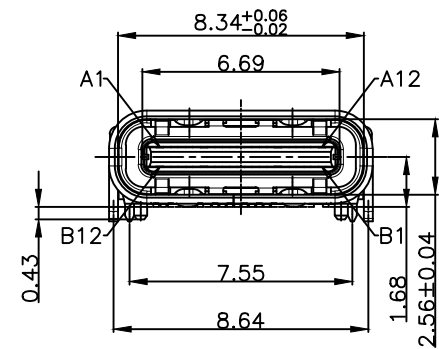
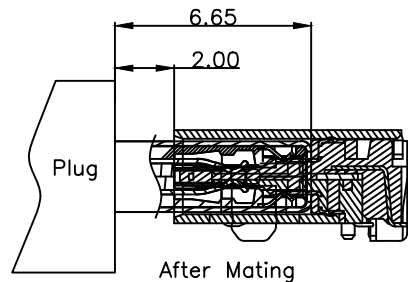
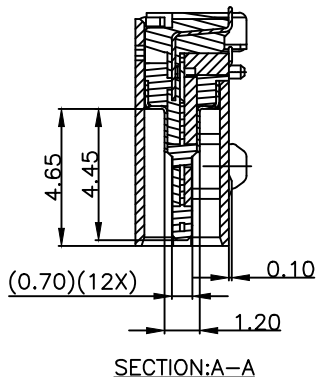
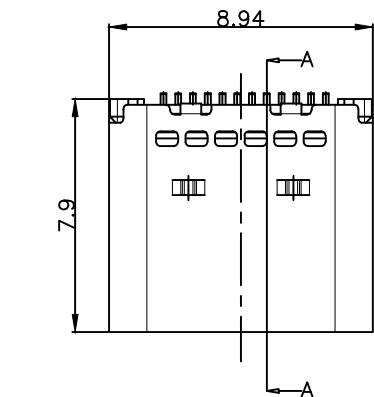
A

B

C

D

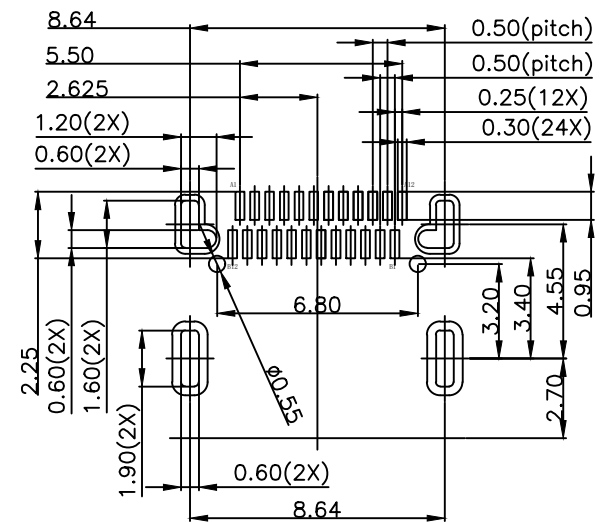
E



USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXp1      | B11        | SSRXp1      |
| A3         | SSTXn1      | B10        | SSRXn1      |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B8         | SBU2        |
| A6         | Dp1         | B7         | Dn2         |
| A7         | Dn1         | B6         | Dp2         |
| A8         | SBU1        | B5         | CC2         |
| A9         | VBUS        | B4         | VBUS        |
| A10        | SSRXn2      | B3         | SSTXn2      |
| A11        | SSRXp2      | B2         | SSTXp2      |
| A12        | GND         | B1         | GND         |

| REV. | ZONE | DESCRIPTION | DESIGN | DATE |
|------|------|-------------|--------|------|
| B    |      | NEW         |        |      |

RECOMMENDED P.C.B Dimension  
Tolerances:±0.05mm

## NOTE:

- MATERIAL SPECIFICATION:
  - HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
  - CONTACTS: COPPER ALLOY
  - MID PLATE: STAINLESS STEEL
  - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
  - CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.  
(GOLD PLATING THICKNESS FOLLOW THE P/N)  
PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
  - FRONT SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
  - SHIELD PLATE&EMI PLATE:  
CLEAR ONLY
- MECHANICAL PERFORMANCE,
  - INSERTION FORCE: 0.5~2.0kgf.
  - REMOVAL FORCE: 0.8kgf~2.0kgf.
  - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
  - CURRENT RATING:5.0A  
VOLTAGE RATING:5.0V
  - LLCR:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD: 50mΩ/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - INSULATION RESISTANCE: 100MΩ MIN
  - DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:  
OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:  
THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.
- SALT SPRAY TEST:48H

|            |            |        |                                 |                  |  |
|------------|------------|--------|---------------------------------|------------------|--|
| X. ±0.50   | X.* ±2°    | UNITS  | 东莞市文章济美电子有限公司                   |                  |  |
| .X ±0.30   | .X* ±1°    | mm     |                                 |                  |  |
| .XX ±0.10  | .XX* ±0.5° | MAT'L  | TITLE:                          |                  |  |
| .XXX ±0.05 |            |        | TYPE-C 24P板上双贴SMT母座 L=7.90MM 六孔 |                  |  |
|            |            | FINISH | APPD:                           | DWG NO:          |  |
|            |            |        | CHKD:                           | Type-C-24P-SPT-B |  |
|            |            | Q'TY   | DR:                             |                  |  |
|            |            |        |                                 |                  |  |

A

B

C

D

E