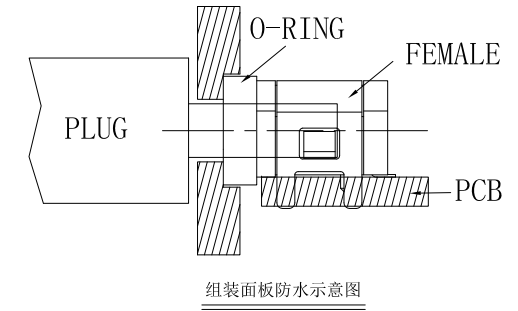
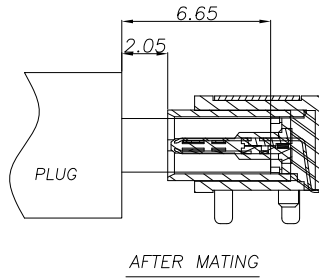
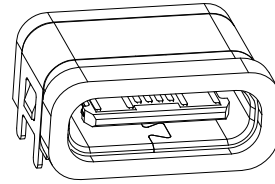
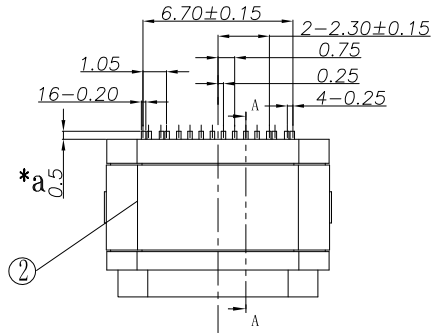
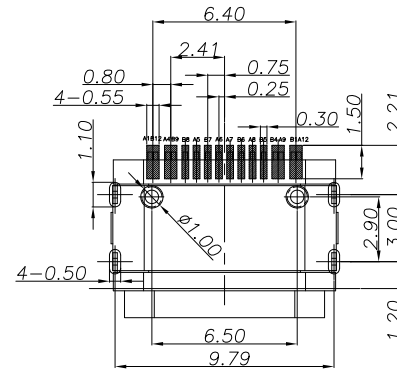
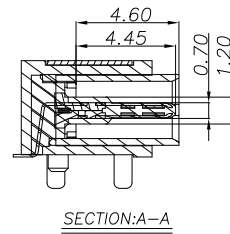
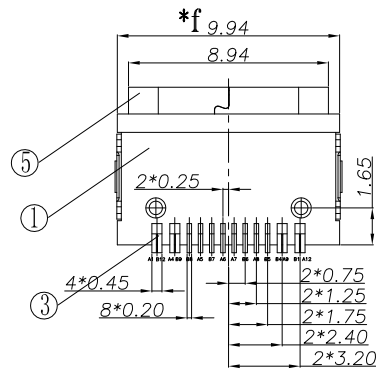


USB TYPE-C PIN ASSIGNMENTS

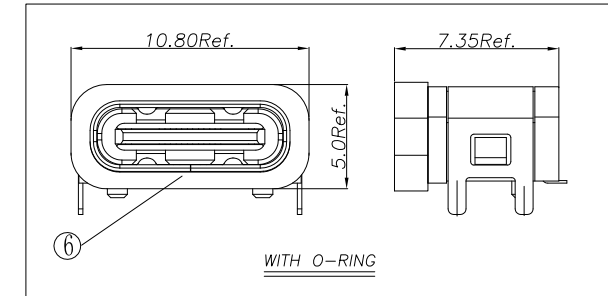
|     |             |     |             |
|-----|-------------|-----|-------------|
| A1  | GND         | B12 | GND         |
| A4  | VBUS        | B9  | VBUS        |
| A5  | CC1         | B8  | SBU2        |
| A6  | DP1         | B7  | DN2         |
| A7  | DN1         | B6  | DP2         |
| A8  | SBU1        | B5  | CC2         |
| A9  | VBUS        | B4  | VBUS        |
| A12 | GND         | B1  | GND         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

## SPECIFICATION

- Rating : 20V DC/AC  
Vbus电流5A最大, GND电流1.25A最大,  
其他PIN 0.25A最大.
- Contact resistance:  $\leq 50\text{m}\Omega$ .
- Insulation resistance:  $\geq 100\text{M}\Omega$  (DC100V).
- Withstanding voltage: 100VAC.
- INSERTION FORCE: 5-20N/ REMOVAL FORCE: 8-20N
- life test: 10000 cycles.
- Operation temperature range:  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ .
- Sign "\*" is importance dimension.



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED  $\pm 0.05\text{mm}$



防水等级: IP67

|     |           |              |     |           |                                                                                                                                           |                |                 |                                                                                                |           |           |         |     |      |
|-----|-----------|--------------|-----|-----------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------|------------------------------------------------------------------------------------------------|-----------|-----------|---------|-----|------|
|     |           |              |     |           | TOLERANCE<br>UNLESS SPECIFIED                                                                                                             |                |                 |                                                                                                |           |           |         |     |      |
| 6   | 0-RING    | RUBBER       | 1   | BLACK     | <1.5: ±0.1mm<br>>1.5~5.0: ±0.25mm<br>>5.0: ±0.3mm                                                                                         | ANGULAR<br>±1° | A0              | 2024.9.23                                                                                      | 首次发行      |           |         | LP  |      |
| 5   | SHELL     | SUS          | 1   | Ni-Plated |                                                                                                                                           |                | NO              | DATE                                                                                           | REVISIONS |           |         | BY  | APPD |
| 4   | MID PLATE | SUS          | 1   |           |                                                                                                                                           |                | TITLE: USB JACK |                                                                                                |           | UNIT : MM | ROHS    | DWN |      |
| 3   | CONTACTS  | C1815        | 16  | Au-Plated | MODEL: USB-310FSC-B-SU-5A-003                                                                                                             |                |                 | SCALE: 1:1                                                                                     | COMPLIANT | CHK'D     |         |     |      |
| 2   | COVER     | SUS          | 1   | Ni-Plated |  DONGGUANG HAOYU ELECTRONICS CO., LTD<br>东莞市弘皓电子有限公司 |                |                 | APPD                                                                                           |           |           |         |     |      |
| 1   | HOUSING   | LCP(UL94V-0) | 1   |           |                                                                                                                                           |                |                 | PRO.AGL:  |           |           | REV :A0 |     |      |
| NO. | PART NAME | MATERIAL     | QTY | FINISHING |                                                                                                                                           |                |                 |                                                                                                |           |           |         |     |      |