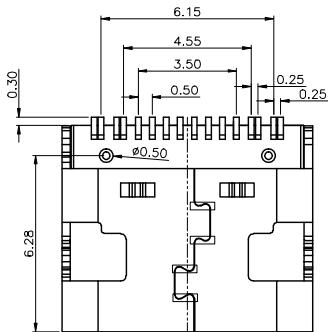
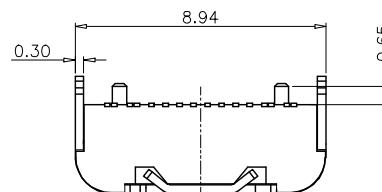


申明: 凡是没有产品料号或有 "PRELIMINARY" 标示的产品图均为临时图面暂不能生产 / DECLARATION: ALL PRODUCT DRAWINGS WITHOUT THE PART NUMBER OR WITH "PRELIMINARY" LABEL ARE TEMPORARY DRAWINGS CAN NOT BE PRODUCED

| REV. | ECN NO. | DESCRIPTION        | DATE       | DESIGN    |
|------|---------|--------------------|------------|-----------|
| B    | ECN NO. | UPDATE THE DRAWING | 2019.05.25 | Yuxiaobin |
| C    | ECN NO. | UPDATE THE DRAWING | 2020.04.30 | SYJ       |



NOTE:

1. MATERIAL SPECIFICATION:

1. HOUSING: LCP E130i

2. TERMINAL: COPPER ALLOY (C2680)

3. FRONT SHELL: STAINLESS STEEL (SUS201)

2. PLATING SPECIFICATION:

2-1. TERMINAL:

Ni 50μ" 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

2-2. FRONT SHELL:

PLATING SPECIFICATIONS FOLLOW THE P/N

2-3. MID PLATE:

CLEAR ONLY

3. MECHANICAL PERFORMANCE:

3-1. INSERTION FORCE: 0.5~1.2kgf.

3-2. REMOVAL FORCE: 0.6kgf~1.5kgf.

3-3. DURABILITY: 5000 CYCLES.

4. ELECTRICAL PERFORMANCE:

4-1. VOLTAGE RATING: 5 V DC/AC (RMS. max)

CURRENT RATING: 3 AMPS. FOR TOTAL VBUS/GND PINS;  
1.25AMPS FOR CC PIN, 0.25 AMPS. FOR ALL OTHER CONTACT.

4-2. LLCR:

VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

SHIELD: 50mΩ/MAX.

LLCR MAX. CHANGE OF ALL PINS: 10mΩ.

4-3. INSULATION RESISTANCE: 100MΩ MIN

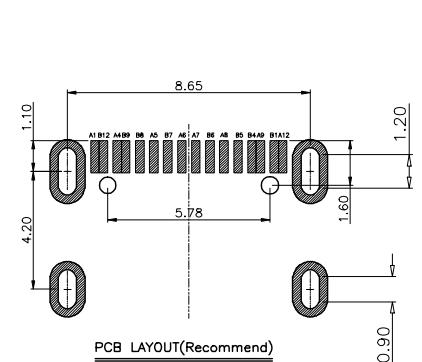
4-4. DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.

5. ENVIRONMENTAL PERFORMANCE:

OPERATING TEMPERATURE: -25°C~+85°C.

6. IR REFLOW:

THE PEAK TEMPERATURE ON THE BOARD SHALL  
BE MAINTAINED FOR 10 SECONDS AT 260°C.



PCB LAYOUT (Recommend)  
(General Tolerance: ±0.05)

USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| A1         | GND         |
| A4         | VBUS        |
| A5         | CC1         |
| A6         | Dp1         |
| A7         | Dn1         |
| A8         | SBU1        |
| A9         | VBUS        |
| A12        | GND         |

| PIN NUMBER | SIGNAL NAME |
|------------|-------------|
| B12        | GND         |
| B9         | VBUS        |
| B8         | SBU2        |
| B7         | Dn2         |
| B6         | Dp2         |
| B5         | CC2         |
| B4         | VBUS        |
| B1         | GND         |

| TOLERANCE |       | NAME(INTENDED USE)<br>CUSTOMER DRAWING | 浙江创都电子科技有限公司 |
|-----------|-------|--|--------------|
| X.X       | ±0.30 | X.°                                    | ±10°         |
| XX        | ±0.20 | X.°                                    | ±8°          |
| XXX       | ±0.10 | XX.°                                   | ±5°          |
| UNITS     | mm    | DESIGN: DRAW                           | DRAWG NO.    |
| MATERIAL  |       | CHEC:                                  |              |
| FINISH    |       | APPD:                                  |              |
|           |       | SCALE                                  | SCALE        |
|           |       | SHEET                                  | SHEET        |
|           |       | REV.                                   | REV.         |