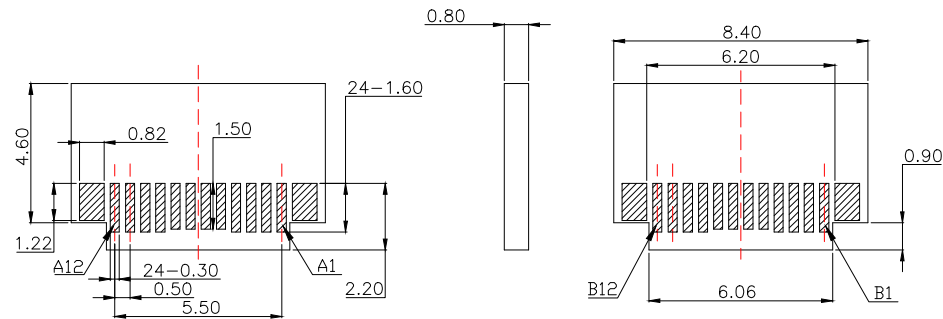
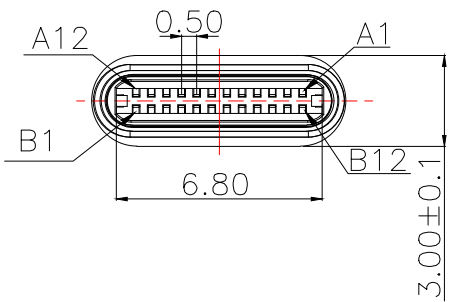


ROHS



## RECOMMENDED P.C.B LAYOUT

1.MATERIAL:

- 1.1 HOUSING:LCP;COLOR:BLACK  
1.2 MOLDING:LCP;COLOR:BLACK  
1.3 CONTACT:C7025, T=0.2mm  
1.4 SHELL:SUS. T=0.15mm  
1.5 LATCH:SUS. T=0.40mm  
1.6 EMI SPRING:SUS. T=0.08mm

## 2.FINISH

- 2.1 CONTACT:GOLD FLASH PLATED IN CONTACT AREA;  
TIN PLATED IN SOLDER AREA AND NICKEL  
UNDERPLATED OVERALL.
- 2.2 SHELL:NICKEL PLATED OVERALL.
- 2.3 LATCH:NICKEL PLATED OVERALL.

3.NOTES:

- 3.1. RATING: 3.0A  
3.2. TEMPERATURE RANGE: -20 °C ~ 85 °C  
3.3. INSERTION FORCE : 5N~20N  
3.4. UNMATING FORCE: 6N~20N  
3.5. DURABILITY: 10,000 CYCLES

|     |      |      |      |       |    |    |      |      |      |      |     |
|-----|------|------|------|-------|----|----|------|------|------|------|-----|
| A12 | A11  | A10  | A9   | A8    | A7 | A6 | A5   | A4   | A3   | A2   | A1  |
| GND | RX2+ | RX2- | VBUS | SBU1  | D- | D+ | CC   | VBUS | TX1- | TX1+ | GND |
|     |      |      |      |       |    |    |      |      |      |      |     |
| B1  | B2   | B3   | B4   | B5    | B6 | B7 | B8   | B9   | B10  | B11  | B12 |
| GND | TX2+ | TX2- | VBUS | VCONN | D+ | D- | SBU2 | VBUS | RX1- | RX1+ | GND |

|                |       |       |             |                                    |                |                                                                                             |
|----------------|-------|-------|-------------|------------------------------------|----------------|---------------------------------------------------------------------------------------------|
| APPROVALS      |       |       | DATE        | LCZY ELECTRONICS(SHEN ZHEN)CO.,LTD |                |                                                                                             |
| DRAWN          | S.L.L |       | 2019.10.12  |                                    |                |                                                                                             |
| CHECKED        |       |       |             | TITLE:                             | USB CONNECTOR  |                                                                                             |
| APPROVALS      |       |       |             | PART NO.                           | TYPE-C-31-G-01 |                                                                                             |
| TOLERANCES ARE | 30~以上 | ±0.30 | ANGLE       | UNIT: mm                           | SCALE: 1:1     | PROJ:  |
|                | 10~30 | ±0.25 |             |                                    |                |                                                                                             |
|                | 5~10  | ±0.20 |             |                                    |                |                                                                                             |
|                | ~ 5   | ±0.15 |             |                                    |                |                                                                                             |
|                |       | ±2°   | DRAWING NO. | _____                              | SHEET 1 OF 1   |                                                                                             |

|         |      |       |              |         |        |        |                |       |             |       |              |                |                                                                                             |
|---------|------|-------|--------------|---------|--------|--------|----------------|-------|-------------|-------|--------------|----------------|---------------------------------------------------------------------------------------------|
|         |      |       |              |         |        |        | CHECKED        |       |             |       | TITLE:       | USB CONNECTOR  |                                                                                             |
|         |      |       |              |         |        |        | APPROVALS      |       |             |       | PART NO.     | TYPE-C-31-G-01 |                                                                                             |
| _____   | A    | _____ | NEW          | _____   | _____  | _____  | TOLERANCES ARE | 30~以上 | ±0.30       | ANGLE | UNIT: mm     | SCALE: 1:1     | PROJ:  |
| ECN NO. | REV. | DATE. | DESCRIPTION. | CHANGE. | CHECK. | APPRO. |                | 10~30 | ±0.25       |       |              |                |                                                                                             |
|         |      |       |              |         |        |        |                | 5~10  | ±0.20       |       |              |                |                                                                                             |
|         |      |       |              |         |        |        |                | ~ 5   | ±0.15       |       |              |                |                                                                                             |
|         |      |       |              |         |        |        |                | ±2°   | DRAWING NO. | _____ | SHEET 1 OF 1 |                |                                                                                             |