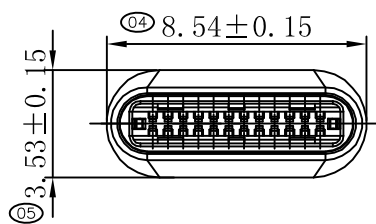


NOTES:

1. MATERIAL:(SEE LEFT TABLE)
2. FINISHED:(SEE LEFT TABLE)
3. PRODUCT SPECIFICATIONS:
  - 3-1.VOLTAGE RATING: 5V
  - 3-2.CURRENT RATING: VBUS: 5A/4=1.25A PER PIN; VCONN: 1.25A  
GND: 5A/4=1.25A PER PIN; ALL OTHER PINS: 0.25A MIN.
  - 3-3.DIELECTRIC WITHSTANDING VOLTAGE: 100VAC
  - 3-4.INSULATION RESISTANCE: 100 MΩ MIN
  - 3-5.CONTACT RESISTANCE: 40 mΩ MAX(INITIAL)  
50 mΩ MAX AFTER ENVIRONMENT STRESSES
  - 3-6.INSERTION FORCE:5~20N  
EXTRACTION FORCE:8~20N,AFTER DURABILITY:6~20N
  - 3-7.DURABILITY: 10000 CYCLES
4. Salt fog requires 24H



UCU0080-XXX

301:黑LCP 外壳镀镍  
305:黑LCP 外壳镀金

TABLE :PIN DEFINE

| PIN | SIGNAL NAME | PIN | SIGNAL NAME |
|-----|-------------|-----|-------------|
| A12 | GND         | B1  | GND         |
| A11 | RX2+        | B2  | TX2+        |
| A10 | RX2-        | B3  | TX2-        |
| A9  | VBUS        | B4  | VBUS        |
| A8  | SUB1        | B5  | VCONN       |
| A7  | Dn1         | B6  |             |
| A6  | Dp1         | B7  |             |
| A5  | CC          | B8  | SUB2        |
| A4  | VBUS        | B9  | VBUS        |
| A3  | TX1-        | B10 | SSTx2       |
| A2  | TX1+        | B11 | SSTxp2      |
| A1  | GND         | B12 | GND         |

| NO. | PART NAME | DESCRIPTION    | REMARK   |
|-----|-----------|----------------|----------|
| 5   |           |                |          |
| 4   |           |                |          |
| 3   | PCB       | P010030        |          |
| 2   | E-Mark    | AV152 DFN8 3*2 |          |
| 1   | Conn      | UCU0080-006    | UL 94V-0 |

**HE** 东莞市旭明电子有限公司

| REV | DATE     | DESCRIPTION | NAME | APPRD.  | GENERAL TOLERANCE<br>UNLESS OTHERWISE NOTED |
|-----|----------|-------------|------|---------|---|
| A   | 19'03/11 | 新增外壳镀金      | LZX  | LZX     | 0 ±0.25                                     |
| O   | 14'08/04 | NEW         | Chi  | Captain | 0.0 ±0.20                                   |
|     |          |             |      |         | 0.00 ±0.15                                  |

|           |                               |                  |            |         |
|-----------|-------------------------------|------------------|------------|---------|
| TITLE:    | USB C/M 3.1功能C1=0.1UF电容带芯片 加锡 |                  |            |         |
| PART NO.  | UCU0080-XXX                   | CUSTOMER NO(REV) | 1G         | UNIT:mm |
| FILE NAME | 190311-00                     | SHEET: 1 of 1    | SCALE: 1:1 | A4      |