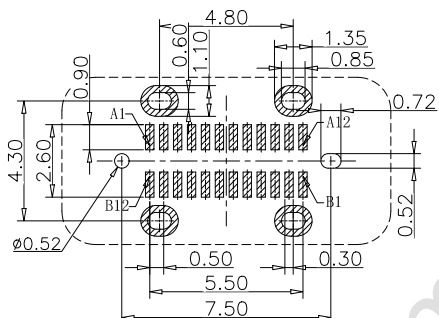
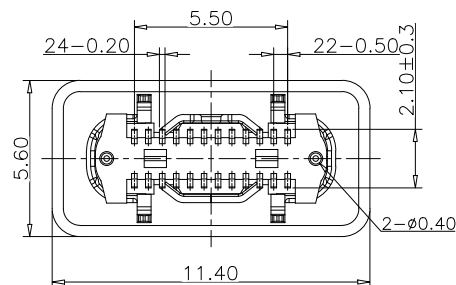
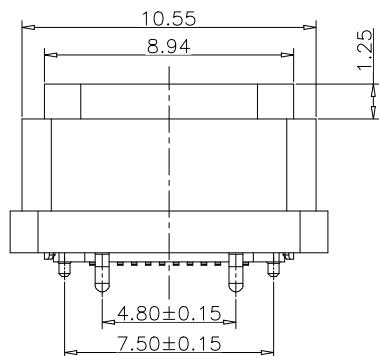
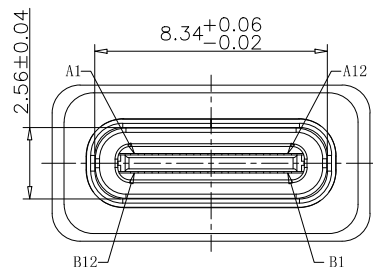
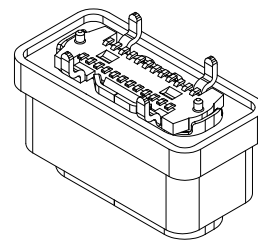
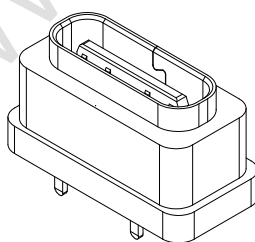
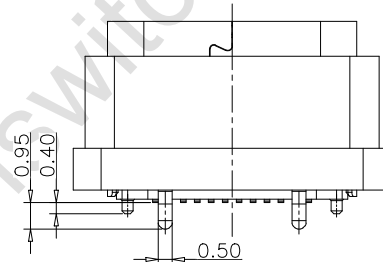
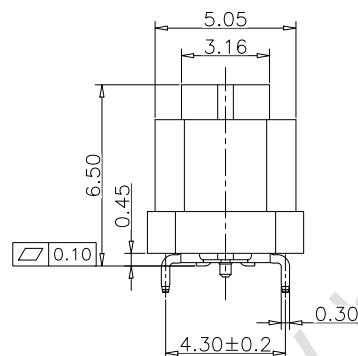




RECOMMEND P.C.B LAYOUT (COMPONENT SIDE)  
TOLERANCE FOR PCB LAYOUT IS ±0.05



#### NOTE:

- MECHANICAL PERFORMANCE:
  - 1-1. INSERTION FORCE: 0.5~2.0kgf.
  - 1-2. EXTRACTION FORCE: 0.8kgf~2.0kgf. AFTER DURABILITY TEST.
  - 1-3. DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE:
  - 2-1. CURRENT RATING: 5.0A  
VOLTAGE RATING: 5.0V
  - 2-2. LLCR:  
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.  
SHIELD: 50mΩ/MAX.  
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
  - 2-3. INSULATION RESISTANCE: 100MΩ MIN
  - 2-4. 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.

#### USB TYPE C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A2         | SSTXP1      | B11        | SSRX1       |
| 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        | SSRX1       | B2         | SSTXP2      |
| A12        | GND         | B1         | GND         |

#### TABLE

| NO. | PART          | Q'TY | Material                    |
|-----|---------------|------|-----------------------------|
| 1   | SHELL         | 1    | SUS304 STEEL, NI PLATED     |
| 2   | EMI Plate     | 1    | SUS301 STEEL, NO PLATED     |
| 3   | Mid Plate     | 1    | SUS301 STEEL, NO PLATED     |
| 4   | CONTACT       | 24   | C18150, TIN/Au3u"/NI PLATED |
| 5   | 1MD HOUSING   | 1    | LCP BLACK UL94 V-0          |
| 6   | 2MD HOUSING   | 1    | LCP BLACK UL94 V-0          |
| 7   | PLASTIC SHELL | 1    | PA BLACK UL94 V-0           |

|          |           |         |              |  |           |        |
|----------|-----------|---------|--------------|--|-----------|--------|
| DESIGN   | MISS ZENG | SC ALL  |              |  | TOLERANCE | ANGLES |
| DRAWING  | MISS LI   | ANIT    | mm           |  |           |        |
| CHECK    | Mr. ZENG  | SIZE    | A4 : 210*297 |  |           |        |
| APPROVAL |           | VERSION | 01           |  |           |        |

品名: TYPE-C连接器  
型号: TYPE-C 24P立贴防水母座H=6.5  
外壳4脚



东莞市航宏电子科技有限公司  
Dongguan Hanghong Electronics Co., Ltd.