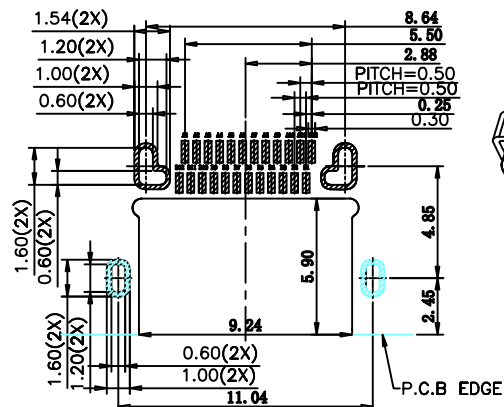
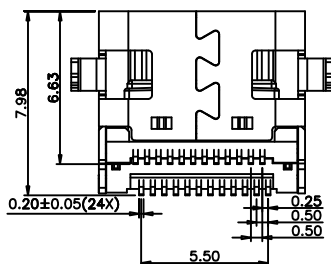
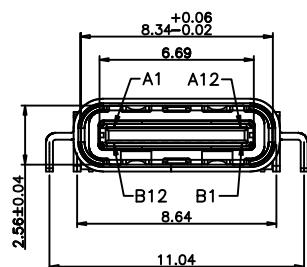
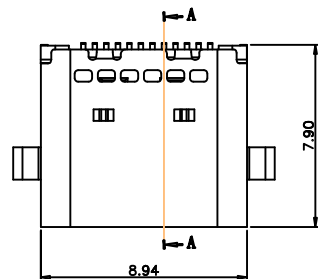
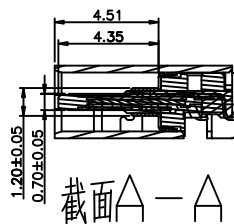
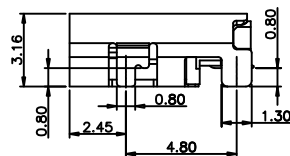


| 更改<br>REV | 数量<br>MODIFICATION |
|-----------|--------------------|
| A         | ECXXXXX            |



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 0.60MM:DEFAULT TOLERANCE:±0.05



截面A-A



#### NOTE:

- 1.MATERIAL SPECIFICATION:  
1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.  
2.CONTACTS:COPPER ALLOY  
3.MID PLATE: STAINLESS STEEL  
4.FRONT SHELL: STAINLESS STEEL  
5.EMI PLATE: STAINLESS STEEL

#### 2.PLATING SPECIFICATION:

- 2-1.CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au G/F PLATED ON THE FUNCTIONAL AREA OF CONTACT.

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

#### 2-2.FRONT SHELL:

Ni 30u" MIN. UNDER PLATED OVER ALL.

#### 2-3.MID PLATE&EMI PLATE:

CLEAR ONLY

#### 3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 5~20N.
- 3-2.REMOVAL FORCE: 8~20N.
- 3-3.DURABILITY: 10000 CYCLES.

#### 4.ELECTRICAL PERFORMANCE,

- 4-1. CURRENT RATING:3.0A.  
VOLTAGE RATING:20.0V.
- 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.

| GENERAL TOLERANCE |                | KINGCONN 皇海科技股份有限公司                     |     |
|-------------------|----------------|-----------------------------------------|-----|
| X± 0.50           | X*± 5 °        | 名 称(TITLE)<br>USB TYPE C 24PIN 沉板 0.8mm |     |
| X± 0.30           | X*± 2 °        |                                         |     |
| .XX± 0.20         | .XX*± 1 °      |                                         |     |
| 单 位(UNIT)         | 料 号(PART NO.)  | 图 纸(DWG NO.)                            |     |
| mm                | 7USB31-F0-0008 | 7USB31-F0-0008                          |     |
| 审 核(CHECKED)      | 制 图(DRAWING)   | 比例 SCALE                                | 1:1 |
|                   |                | 图 章                                     | 1   |
|                   |                | 更改 REV                                  | A   |

