

## NOTE:

## 1.MATERIAL:

- 1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0;
- 1.2 CONTACT: COPPER ALLOY
- 1.3 SHELL:STAINLESS STEEL

## 2.ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 40mΩ Max FOR INITIAL. 30mΩ CHANGE AFTER TEST.  
MEASURE AT 20mV, 100mA.

2.2 CONTACT CURRENT RATING: 5A FOR VBUS PIN; 1.25A FOR VCONN PIN.

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC R.M.S.

2.4 INSULATION RESISTANCE 100MΩ Min

2.5 OPERATING TEMPERATURE: -40°C ~ 85°C

## 3 MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 5~20 N.

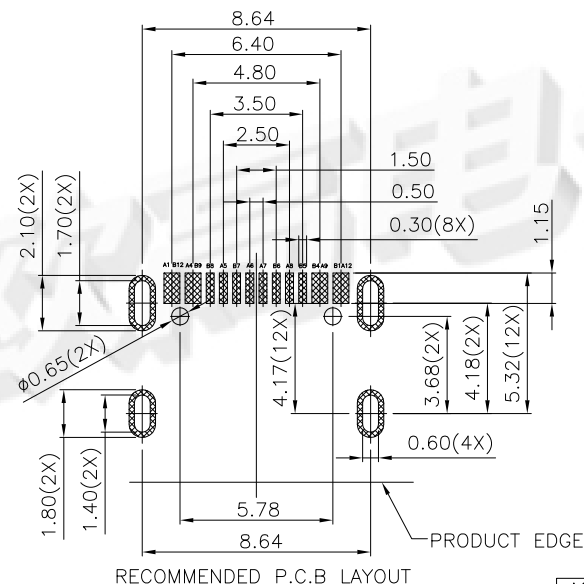
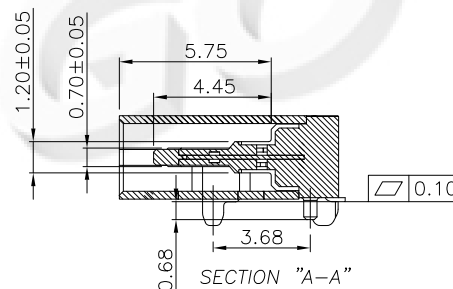
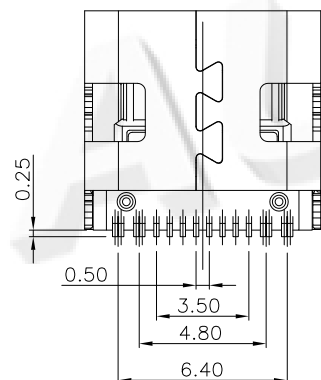
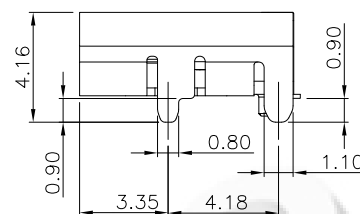
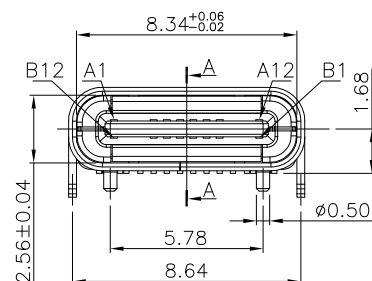
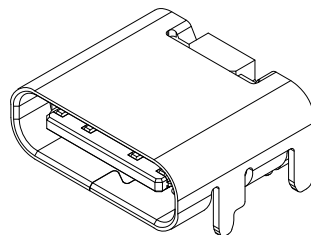
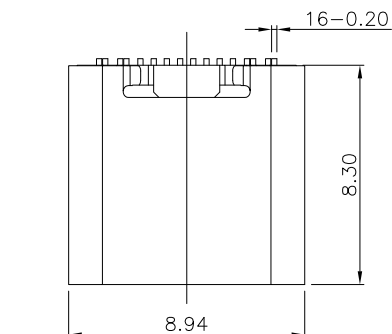
3.2 UNMATED FORCE: 8~20N AFTER TEST

3.3 DURABILITY: 10,000 CYCLES

## 4.PLATING

4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" Min NICKEL  
AND 80u"Min Tin ALL OVER 50u" Min NICKEL ON SOLDER AREA

4.2 SHELL: 50u" Min. NICKEL ALL OVER,



|     |             |     |             |
|-----|-------------|-----|-------------|
| A1  | GND         | B12 | GND         |
| A4  | VBUS        | B9  | VBUS        |
| A5  | CC1         | B8  | SBU2        |
| A6  | DP1         | B7  | DN2         |
| A7  | DN1         | B6  | DP2         |
| A8  | SBU1        | B5  | CC2         |
| A9  | VBUS        | B4  | VBUS        |
| A12 | GND         | B1  | GND         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

DONGGUAN AUGO ELECTRONICS CO.,LTD.

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PART NAME

CONNECTOR

DRAWING

Y,C,ZHANG

DWG.No.

PART NO.

USB CF 16PIN 板上型母座 L=8.3mm

CHECK

G.C.Chen

REV.

A1

UNIT :  
mmTOLERANCE  
OTHERWISEUP TO 5  
ABOVE 5 ~30  
ABOVE 30  
ANGLE±0.2  
±0.3  
±0.5  
±3°ANGLE  
0°±3°

APPROVAL

SCALE

DATE

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