

NOTE:

1.MATERIAL SPECIFICATION:

- 1.1.HOUSING:HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
- 1.2.CONTACTS:COPPER ALLOY
- 1.3.MID PLATE: STAINLESS STEEL
- 1.4.FRONT SHELL: STAINLESS STEEL

2.PLATING SPECIFICATION:

2-1.CONTACTS:

- Ni 50u" MIN. UNDER PLATED OVER ALL.
- Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- (GOLD PLATING THICKNESS FOLLOW THE P/N)

PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N

2-2.FRONT SHELL:

SEE TABLE1.

2-3.SHIELD PLATE&EMI PLATE:

CLEAR ONLY

3.MECHANICAL PERFORMANCE,

- 3-1.INSERTION FORCE: 0.5~2.0kgf.
- 3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.
- 3-3.DURABILITY: 5000 CYCLES.

4.ELECTRICAL PERFORMANCE,

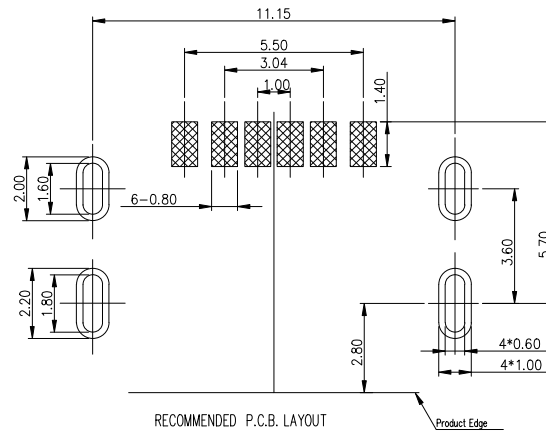
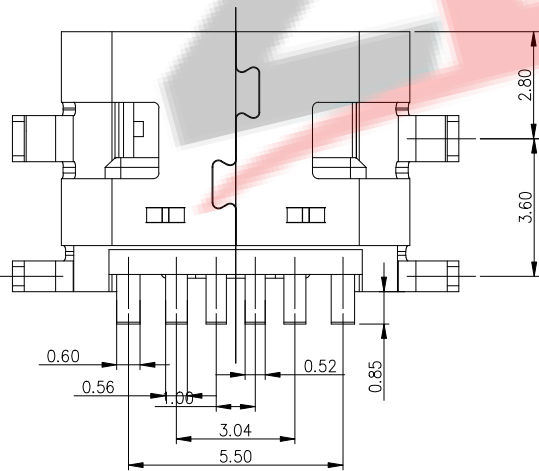
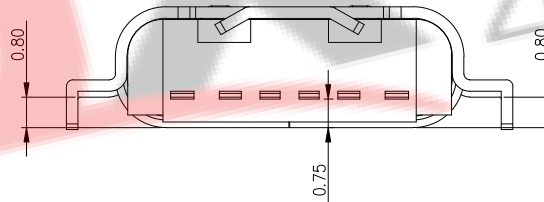
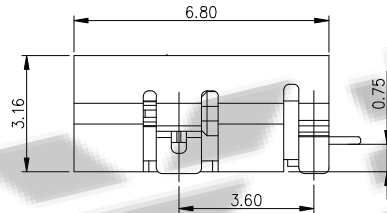
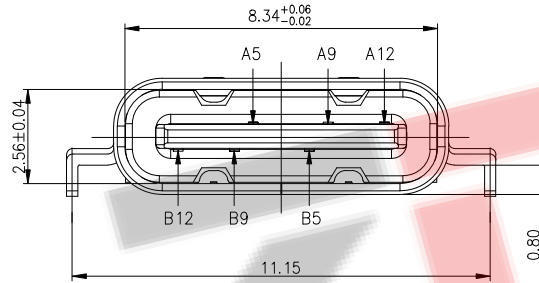
- 4-1. CURRENT RATING: 3.0A
- VOLTAGE RATING: 5.0V
- 4-2. LLCR:
  - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
  - SHIELD: 50mΩ/MAX.
  - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- 4-3.INSULATION RESISTANCE: 100MΩ MIN
- 4-4.DIELECTRIC WITHSTAND VOLTAGE,AC 100V FOR 1 MINUTE.

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.



RECOMMENDED P.C.B. LAYOUT  
TOLERANCE UNSPECIFIED ±0.05mm

PIN ASSIGNMENTS

|     |             |     |             |
|-----|-------------|-----|-------------|
| A5  | CC1         | B12 | GND         |
| A9  | VBUS        | B9  | VBUS        |
| A12 | GND         | B5  | CC2         |
| PIN | SIGNAL NAME | PIN | SIGNAL NAME |

**ZDX** 深圳市兆达鑫科技有限公司  
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|   |                     |                      |                                     |                |
|---|---------------------|----------------------|-------------------------------------|----------------|
| TOLERANCE:<br>XXX ±0.30<br>XX ±0.20<br>X ±0.10<br>X:0<br>X:10<br>X:0.05 | DRAWN BY :<br>刘志强   | DATE :<br>2015.08.18 | PART NAME:<br>TYPE-C6P沉板0.8四脚插板H6.8 |                |
| UNIT: mm [inch]   | CHECKED BY:<br>李文毅  | DATE :<br>2015.08.18 | PART NO.                            | SEE TABLE      |
| SCALE:1:1   | APPROVED BY:<br>张少辉 | DATE :<br>2015.08.18 | MOLD NO.                            |                |
| SIZE: A4  |                     |                      | DRAW NO:                            | ZDJNKJ00000003 |
|   |                     |                      | SHEET NO.                           | 1 OF 1         |