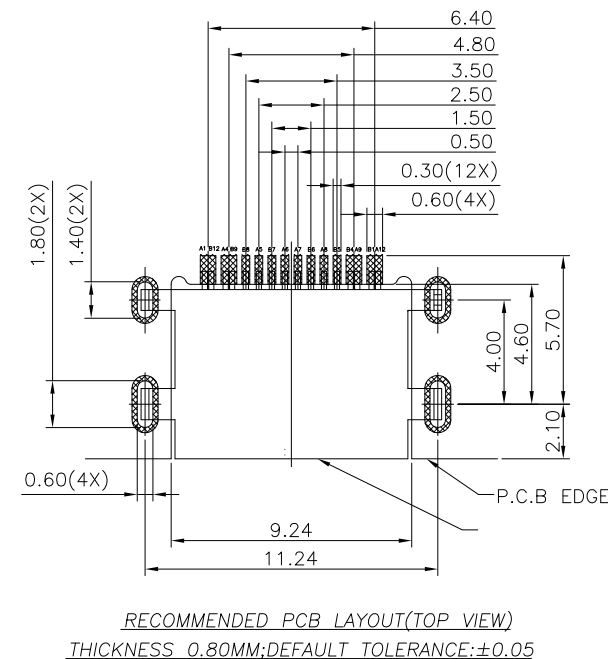
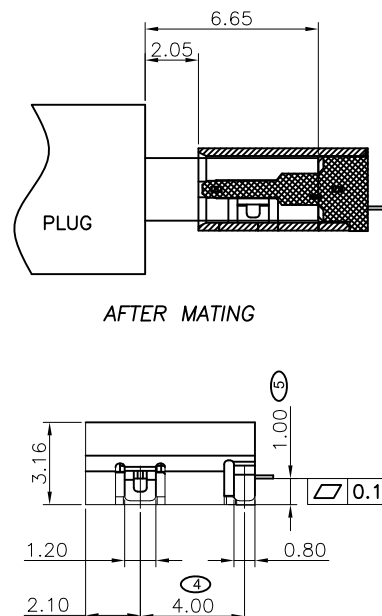
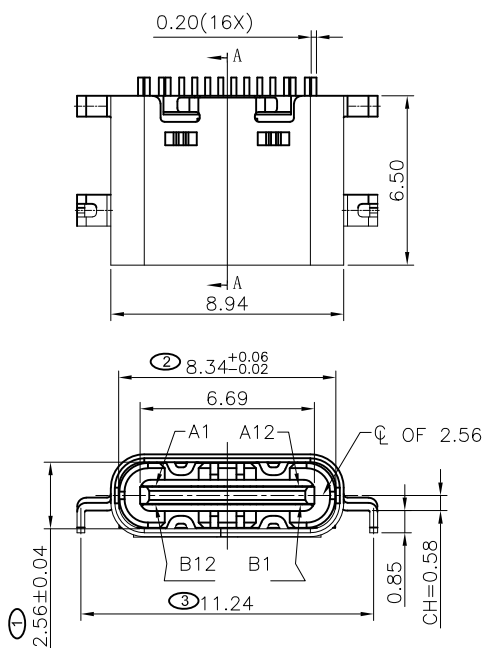




NOTE:

- 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
- 2.PLATING SPECIFICATION:  
2-1.CONTACTS:  
Ni 50u" MIN. UNDER PLATED OVER ALL.  
Au PLATED ON THE FUNCTIONAL AREA OF CONTACT.
- 2-2.FRONT SHELL:  
Ni 30u" MIN. UNDER PLATED OVER ALL.
- 3.MECHANICAL PERFORMANCE,  
3-1.INSERTION FORCE: 0.5~2.0kgf.  
3-2.REMOVAL FORCE: 0.8kgf~2.0kgf.  
3-3.DURABILITY: 10000 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.

※ SIGN "X" IS IMPORTANCE DIMENSION

#### USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| 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         |

**KEM 奇速科技有限公司**  
Qi-Speed Technology CO., LTD.

產品名稱:  
PRODUCT NAME  
USB CF 16PIN (L=6.5) 沉板1.0mm

|                                          |         |          |                 |             |                                  |
|------------------------------------------|---------|----------|-----------------|-------------|----------------------------------|
| 單位 : mm                                  | 繪圖      | 設計       | 審核              | 核准          | 料號:KUSBC012-F001                 |
| 比例 :                                     | DRAWING | DESIGNED | CHECKED BY      | APPROVAL BY | PART NUMBER                      |
| 公差 : .X ±0.38<br>.XX ±0.25<br>.XXX ±0.13 | JOHNY   | JOHNY    | LUKE            | JAMES       | 圖號:KUSBC012-F001-1<br>DRAWING NO |
| 版本                                       | 修改事項    | 修改日期     | 日期 : 2017/12/10 |             | 版本: REV. 0                       |