

SPECIFICATION

Current Rating: 5 AMP for VBUS Pin,  
1.25 AMP for VCONN Pin  
Insulation Resistance: 100MΩ Min.  
Contact Resistance: 40mΩ Max.  
Dielectric Voltage: 100V AC for one minute  
Insertion Force: 5N to 20N  
Withdrawal Force: 8N to 20N  
Operating Temperature: -25°C to +85°C

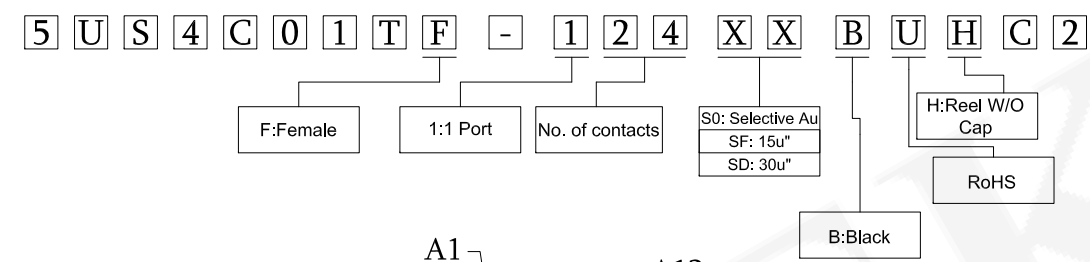
MATERIAL

Insulator: Hi-Temp. Thermoplastic, UL94V-0  
Contact Pin: Copper Alloy

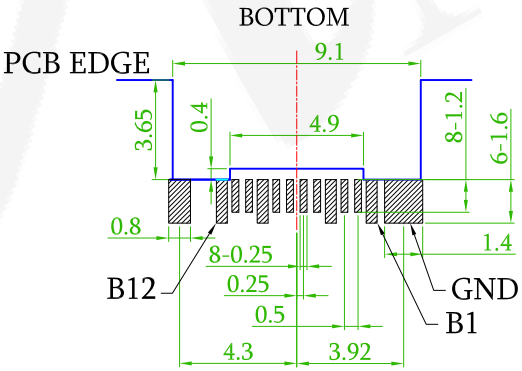
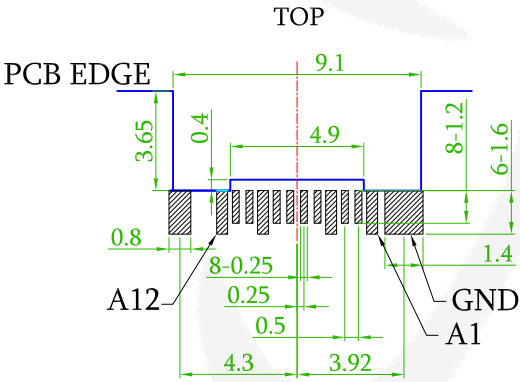
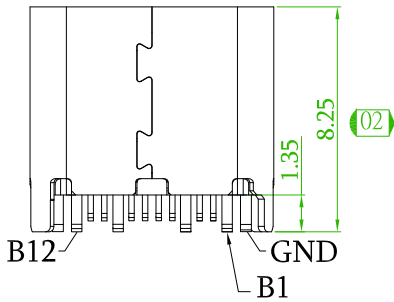
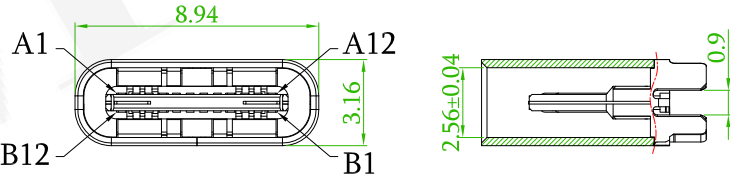
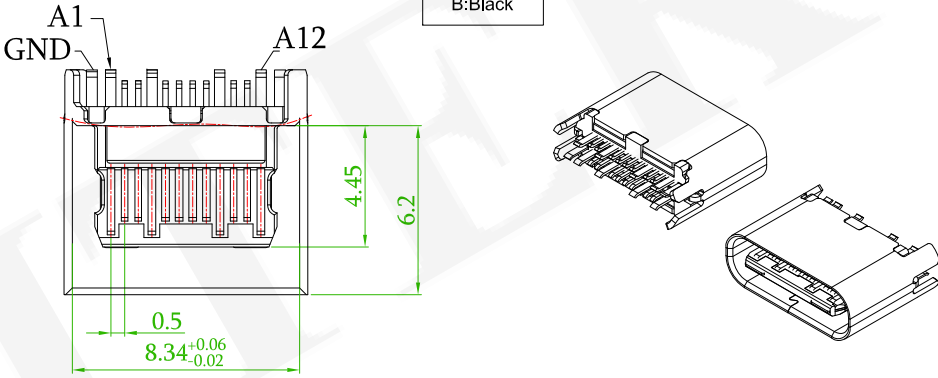
NOTE

Symbol "[02]" means serial as Order Information shown

ORDER INFORMATION



| Pin No | Signal Name | Pin No | Signal Name |
|--------|-------------|--------|-------------|
| A1     | GND         | B12    | GND         |
| A2     | TX1+        | B11    | RX1+        |
| A3     | TX1-        | B10    | RX1-        |
| A4     | Vbus        | B9     | Vbus        |
| A5     | CC1         | B8     | SBU2        |
| A6     | D+          | B7     | D-          |
| A7     | D-          | B6     | D+          |
| A8     | SBU1        | B5     | CC2         |
| A9     | Vbus        | B4     | Vbus        |
| A10    | RX2-        | B3     | TX2-        |
| A11    | RX2+        | B2     | TX2+        |
| A12    | GND         | B1     | GND         |



P.C.B. LAYOUT  
TOLERANCE: ±0.1



| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE |
|------|------------------------|---------|------|
|      |                        |         |      |
|      |                        |         |      |
|      |                        |         |      |

|                                                                                                                                                                                 |                      |                           |  |  |  |                              |                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------|--|--|--|------------------------------|---------------------------------------------------------------------------------------|
| <br>糧德精密有限公司<br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名<br>TITLE          | USB3.1-C TYPE FEMALE 180° |  |  |  | 頁數<br>Page                   | 1/1                                                                                   |
|                                                                                                                                                                                 | 品號<br>PART NO.       | 5US4C01TF-124XXBUHC2      |  |  |  | 繪圖<br>DRAWN                  | Gary<br>2017/08/04                                                                    |
|                                                                                                                                                                                 | 圖號<br>DRAWING NO.    | GW062-GA512               |  |  |  | 核對<br>CHECKED                | Carol<br>2017/08/04                                                                   |
|                                                                                                                                                                                 | 客戶品號<br>CUSTOMER P/N |                           |  |  |  | 承認<br>APPROVED               | Jason<br>2017/08/04                                                                   |
|                                                                                                                                                                                 | 公差<br>TOLERANCE      | .X ± 0.30<br>.XX ± 0.20   |  |  |  | 單位<br>UNIT                   | mm                                                                                    |
|                                                                                                                                                                                 |                      |                           |  |  |  | THIRD<br>ANGLE<br>PROJECTION |  |