

## SPECIFICATION

Current Rating: 5.0A  
Voltage Rating: 5.0V  
Contact Resistance: 40mΩ Max  
Insulation Resistance: 100MΩ Min.  
Dielectric Voltage: 100V AC for one minute  
Operation Temperature: -45°C to +85°C  
Durability: 10,000 cycles  
Insertion Force : 0.5~2.0Kgf  
Removal Force : 0.8~2.0Kgf

## ORDER INFORMATION

5 U S 4 C 0 1 U F - 1 1 4 G 0 B U A 4 1

AMTEK 耀德  
2022.05.25  
Released DCC

1:1 Port    G0:Gold flash    B:Black    RoHS    A:Tray W/O Cap

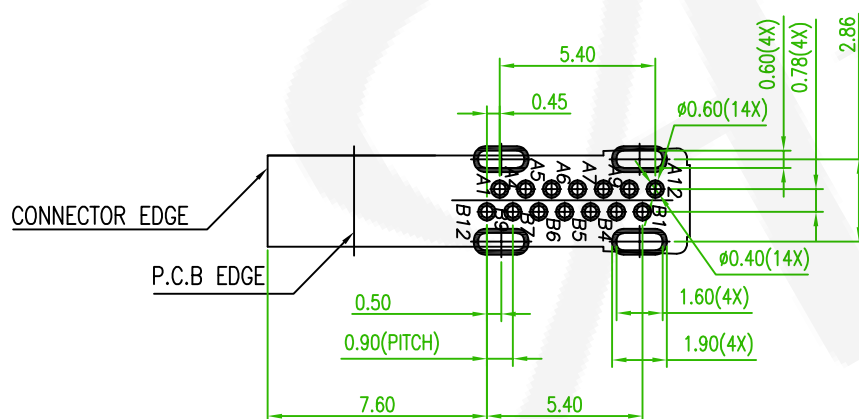
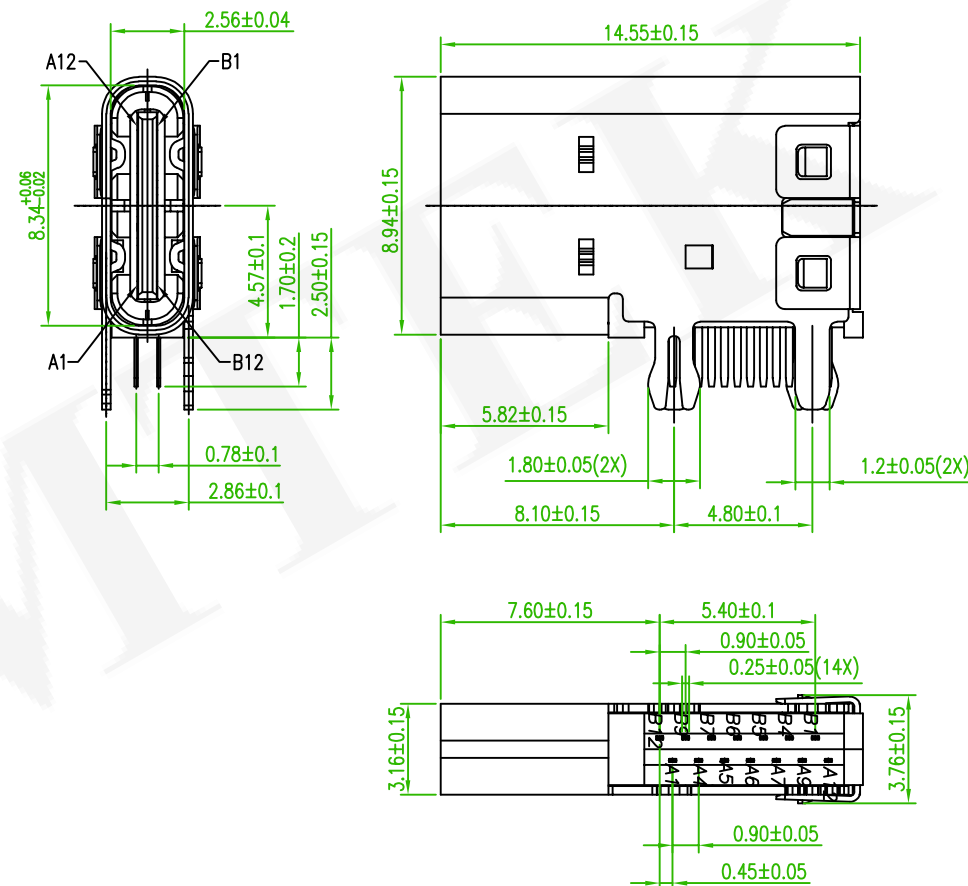


### USB TYPE-C PIN ASSIGNMENTS

| PIN NUMBER | SIGNAL NAME | PIN NUMBER | SIGNAL NAME |
|------------|-------------|------------|-------------|
| A1         | GND         | B12        | GND         |
| A4         | VBUS        | B9         | VBUS        |
| A5         | CC1         | B7         | Dn2         |
| A6         | Dp1         |            |             |
| A7         | Dn1         | B6         | Dp2         |
| A9         | VBUS        | B5         | CC2         |
|            |             | B4         | VBUS        |
| A12        | GND         | B1         | GND         |

## MATERIAL

Insulator: PA9T, UL94V-0  
Contact: Copper Alloy  
Shell : Stainless Steel



RECOMMENDED PCB LAYOUT(TOP VIEW)  
THICKNESS 1.6±0.10MM;DEFAULT TOLERANCE:±0.05

|                                                                                                                                                                                 |                      |                                        |             |      |                              |                                                                                       |                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------------|-------------|------|------------------------------|---------------------------------------------------------------------------------------|---------------------|
| <br>耀德精密有限公司<br>Amtek Technology Co., Ltd.<br>TEL: 886-2-2260-6878<br>FAX: 886-2-2260-8030 | 品名<br>TITLE          | USB 3.1 C TYPE FEMALE DIP UPRIGHT TYPE |             |      |                              | 頁數<br>Page                                                                            | 1/1                 |
|                                                                                                                                                                                 | 品號<br>PART NO.       | 5US4C01UF-114G0BUA41                   |             |      |                              | 繪圖<br>DRAWN                                                                           | Alice<br>2022/04/30 |
|                                                                                                                                                                                 | 圖號<br>DRAWING NO.    | GN195-AB252                            | 版本<br>REV.  | A    | 核對<br>CHECKED                | Josh<br>2022/04/30                                                                    |                     |
|                                                                                                                                                                                 | 客戶品號<br>CUSTOMER P/N |                                        | 比例<br>SCALE | None | 承認<br>APPROVED               | Josh<br>2022/04/30                                                                    |                     |
|                                                                                                                                                                                 | 公差<br>TOLERANCE      | .X: ±0.38<br>.XX: ±0.25                | 單位<br>UNIT  | mm   | THIRD<br>ANGLE<br>PROJECTION |  |                     |

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