## SPECIFICATION C

RATED CURRENT: VBUS AND GND PIN 5.0A;
OTHER PIN 0.25A
INSULATION RESISTANCE: 100MΩ MIN.
DIELECTRIC VOLTAGE: 100V AC FOR ONE MINUTE
OPERATION TEMPERATURE: -40°C TO +85°C
DURABILITY: 10,000 CYCLES
INSERTION FORCE : 5~20N
REMOVAL FORCE : 8~20N,AFTER TEST:6N~20N

## MATERIAL C

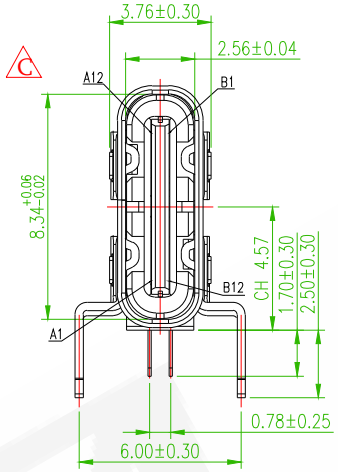
INSULATOR: NYLON 9T, UL94V-0 BLACK
CONTACT: CHROMIUM COPPER
MID PLATE: STAINLESS STEEL
SHELL: STAINLESS STEEL,NICKEL PLATED
COVER: STAINLESS STEEL
CAP: LCP,UL94V-0,BLACK

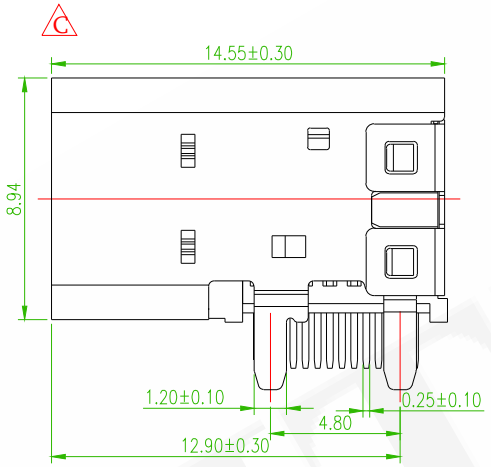
## ORDER INFORMATION

5 U S 4 C 0 2 U F - 1 1 4 X X X U X 4 1

- 1:1 PORT
- G0:GOLD FLASH
- B:BLACK
- RoHS
- R:T/R WITH CAP

AMTEK糧德
2025.10.20
Released DCC

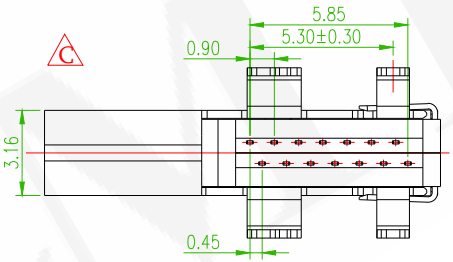


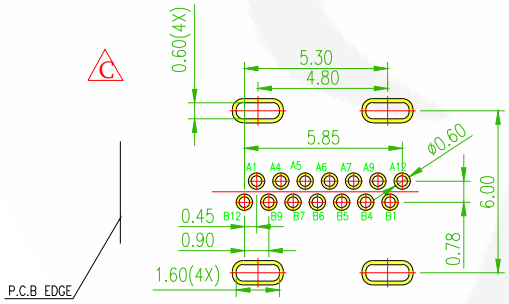




USB TYPE-C PIN ASSIGNMENTS

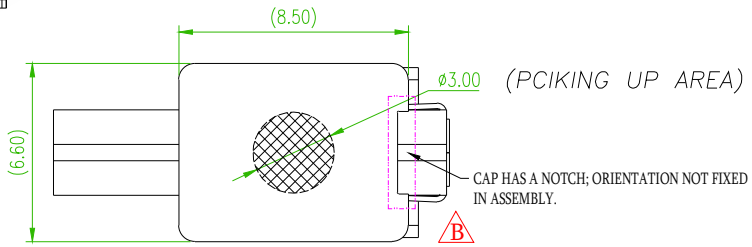
| PIN NUMBER | SIGNAL NAME |
|---|---|
| A1 | GND |
| A4 | VBUS |
| A5 | CC1 |
| A6 | Dp1 |
| A7 | Dn1 |
| | |
| A9 | VBUS |
| A12 | GND |

| PIN NUMBER | SIGNAL NAME |
|---|---|
| B12 | GND |
| B9 | VBUS |
| | |
| B7 | Dn2 |
| B6 | Dp2 |
| B5 | CC2 |
| B4 | VBUS |
| B1 | GND |




RECOMMENDED PCB LAYOUT
(PCB TOLERANCE ±0.05)
THICKNESS 1.6±0.10mm




| REV. | ECN NO. OR DESCRIPTION | REVISED | DATE |
|---|---|---|---|
| C | ECN-202509075 Revise the drawing | Gaby | 2025/10/20 |
| B | ECN- 202509014 | Alice | 2025/09/15 |

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| | | | | | |
|---|---|---|---|---|---|
| 品名 TITLE | USB C FEMALE DIP R/A TYPE | | | 頁數 Page | 1/1 |
| 品號 PART NO. | 5US4C02UF-114XXXUX41 | | | 繪圖 DRAWN | Alice 2022/04/30 |
| 圖號 DRAWING NO. | GN195-AB253 | 版本 REV. | C | 核對 CHECKED | JOSH 2022/04/30 |
| 客戶品號 CUSTOMER P/N | | 比例 SCALE | None | 承認 APPROVED | JOSH 2022/04/30 |
| 公差 TOLERANCE | .X ± 0.30<br>.XX± 0.20 | 單位 UNIT | mm | THIRD ANGLE PROJECTION | |