

SPECIFICATION

Current Rating: 3.0A
Voltage Rating: 5.0V
Contact Resistance: 50mΩ Max
Insulation Resistance: 100MΩ Min.
Dielectric Voltage: 100V AC for one minute
Operation Temperature: -25°C to +85°C
Durability: 10,000 cycles
Insertion Force : 0.5~2.0Kgf
Removal Force : 0.8~2.0Kgf

MATERIAL

Insulator: LCP, UL94V-0
Contact: Copper alloy
Shell : Stainless Steel

ORDER INFORMATION

5 U S 4 C 0 2 G M - 1 2 4 S 0 B U R 4 1

1:1 Port	No. of Contacts	S0: Selective Au	B: Black	RoHS	R: T/R With Cap
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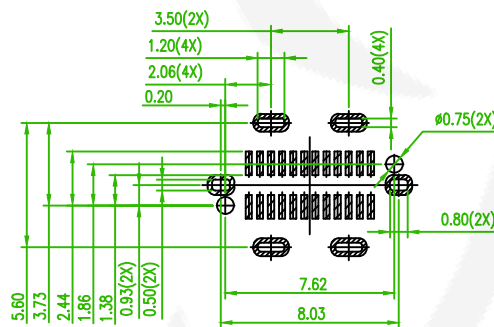
AMTEK 耀德

2022.05.25

Released DCC

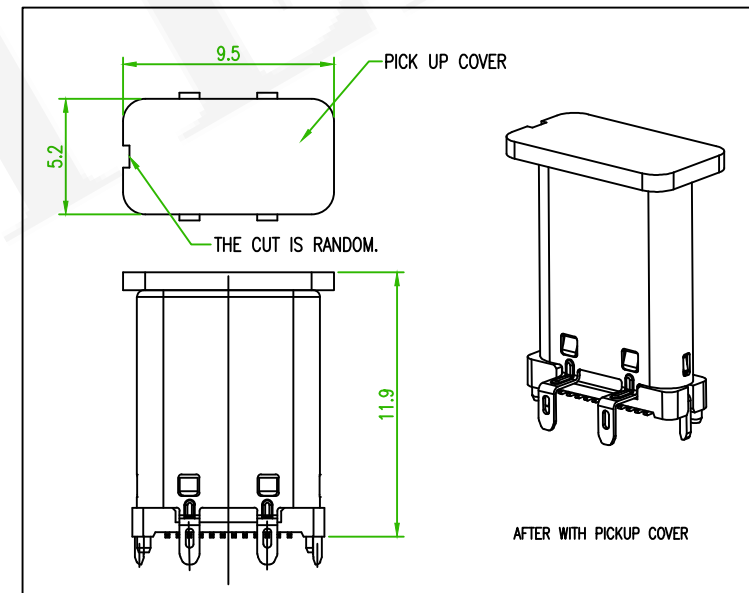
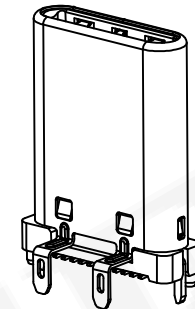
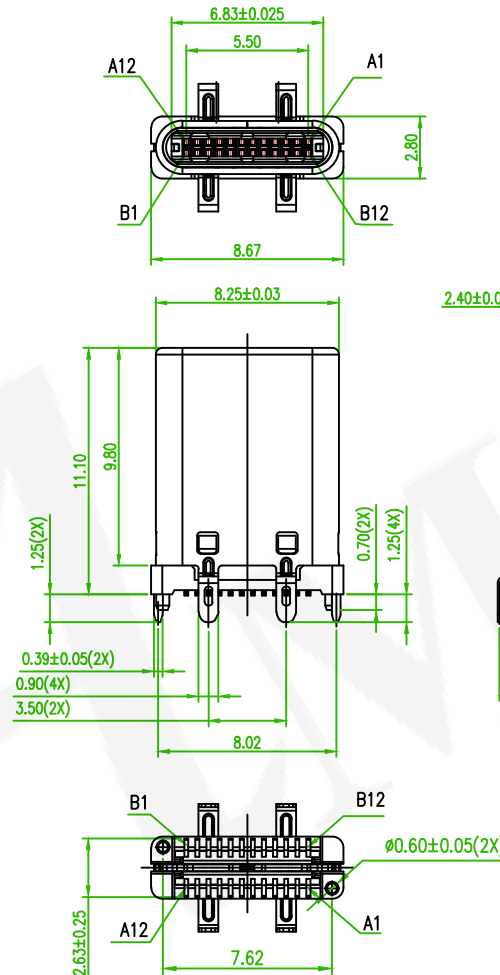
USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A2	SSTXp1	B11	SSRXp1
A3	SSTXn1	B10	SSRXn1
A4	Vbus	B9	Vbus
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	Vbus	B4	Vbus
A10	SSRXn2	B3	SSTXn2
A11	SSRXp2	B2	SSTXp2
A12	GND	B1	GND



RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8±0.10MM:DEFAULT TOLERANCE:±0.05



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品名 TITLE	USB 3.1 C TYPE MALE SMT V/T TYPE				頁數 Page	1/1
品號 PART NO.	5US4C02GM-124S0BUR41				繪圖 DRAWN	Alice 2022/04/09
圖號 DRAWING NO.	GN195-AB169	版本 REV.	A	核對 CHECKED	Josh 2022/04/09	
客戶品號 CUSTOMER P/N		比例 SCALE	None	承認 APPROVED	Josh 2022/04/09	
公差 TOLERANCE	.X: ±0.30 .XX: ±0.20	單位 UNIT	mm	THIRD ANGLE PROJECTION		

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
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