

SPECIFICATION

Current Rating: 1.25A For A1,A12,B1,B12
5A For A4,A9,B4,B9
0.25A For Others
Withstanding Voltage: 100V AC R.M.S
Contact Resistance: 40mΩ Max
Insulation Resistance: 100MΩ Min.
Operation Temperature: -30°C to +85°C
Durability: 10,000 cycles
Insertion Force : 5~20N
Extraction Force : 8~20N

ORDER INFORMATION

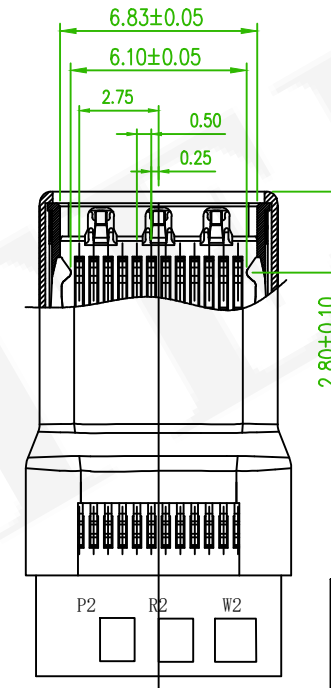
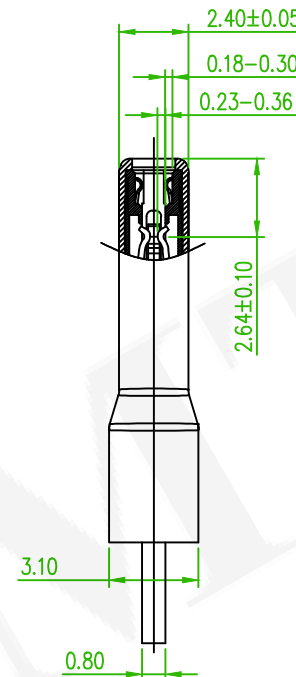
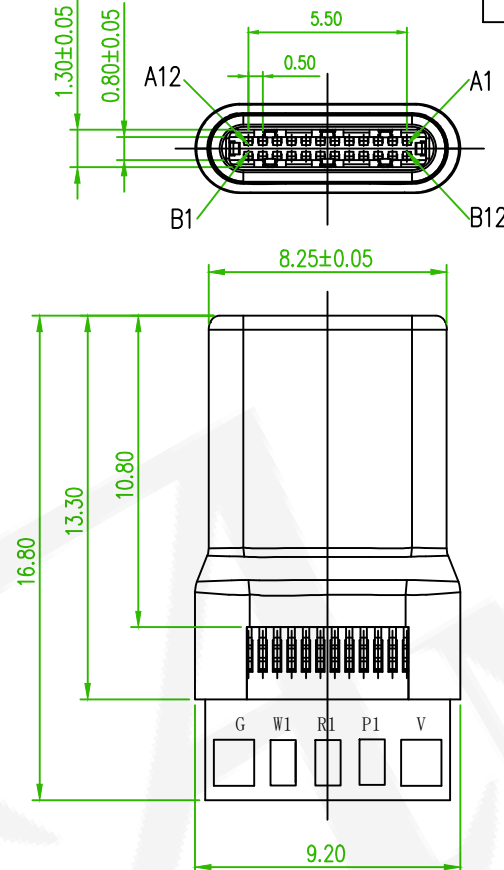
5 U S 4 C 0 1 P M - 1 2 4 S 0 B U B 4 1

1:1 Port	No. of Contacts	S0: Selective Au	B: Black	RoHS	B: Bag
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PIN ASSIGNMENT

Pin	Signal Name	Pin	Signal Name	Pin	Signal Name	Pin	Signal Name
A1	GND	A7	D-	B1	GND	B7	D-
A2	TX1+	A8	SBU1	B2	TX2+	B8	SBU2
A3	TX1-	A9	VBUS	B3	TX2-	B9	VBUS
A4	VBUS	A10	RX2-	B4	VBUS	B10	RX1-
A5	CC	A11	RX2+	B5	VCONN	B11	RX1+
A6	D+	A12	GND	B6	D+	B12	GND



AMTEK 耀德
2022.05.25
Released DCC

Wiring diagram (3.1)

V (A4/A8/A9/B4/B8/B9)	red (+)
P1 (A2/B2)	green
R1 (A6/B6)	white
W1 (A10/B10)	orange
G (A1/A12/B1/B12)	black (Ground)
P2 (A3/B3)	blue
R2 (A7/B7)	yellow
W2 (A11/B11)	gray

7	PCB	1PCS		
6	GND SPRING	2PCS	SUS 301	
5	LATCH	1PCS	SUS 301	SOLDER AREA: Sn 100u"
4	SHELL	1PCS	METAL ALLOY	NI PLATED
3	INSERTMOLDING	2PCS	LCP	BLACK UL94V-0
2	CONTACT	24PCS	C7025 TMO3	CONTACT AREA: Au 3u" SOLDER AREA: Sn 100u"
1	HOUSING	1PCS	LCP	BLACK UL94V-0
NO.	PARTS NAME	QTY	MATERIAL	FINISH/REMARK

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
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品名 TITLE	USB 3.1 C TYPE MALE WITH PCB BOARD TYPE				頁數 Page	1/1
品號 PART NO.	5US4C01PM-124S0BUB41				繪圖 DRAWN	Alice 2022/04/09
圖號 DRAWING NO.	GN195-AB172	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: ±0.38 .XX: ±0.25	單位 UNIT	mm	THIRD ANGLE PROJECTION		