

SPECIFICATION

Current Rating: 5.0A

Current Rating: 5 Amps. for total vbus/gnd pins;
1.25 Amps for cc pin, 0.25 Amps. for all other contact.

LLCR:

Vbus & gnd pins and other pins: 40mΩ/pin Max.

Shield: 50mΩ/Max.

LLCR Max. change of all pins: 10mΩ.

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 Black

Contact: Copper Alloy

Mid plate: Stainless Steel (sus301)

Front shell: Stainless Steel (sus304)

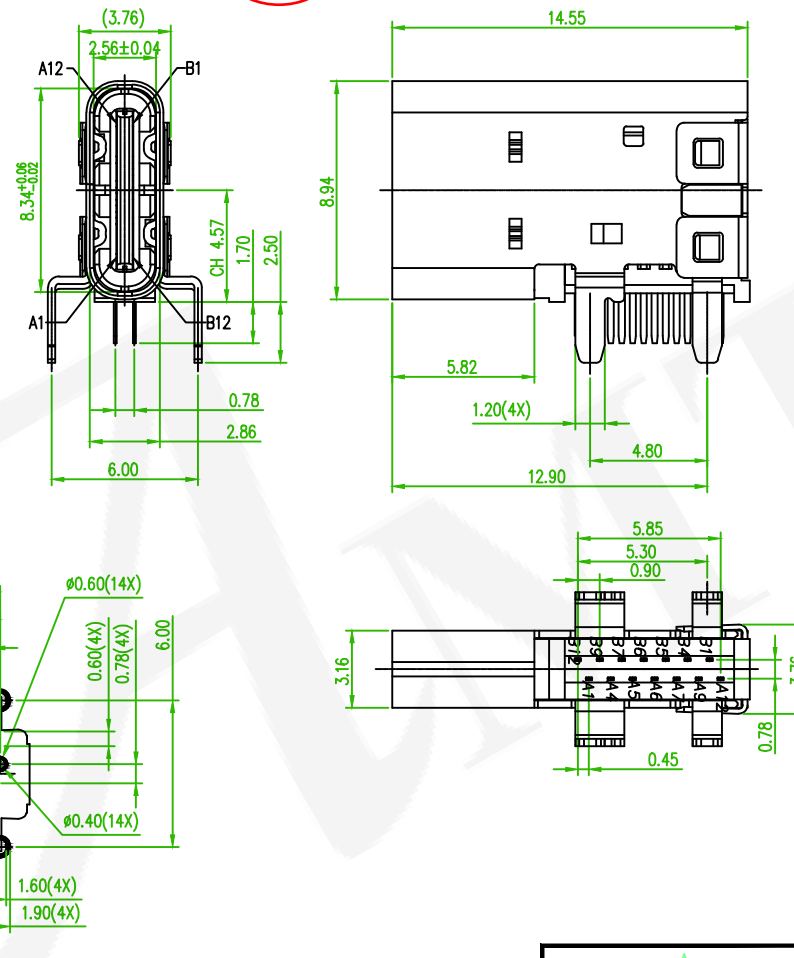
Emi plate: Stainless Steel (sus304)

ORDER INFORMATION

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

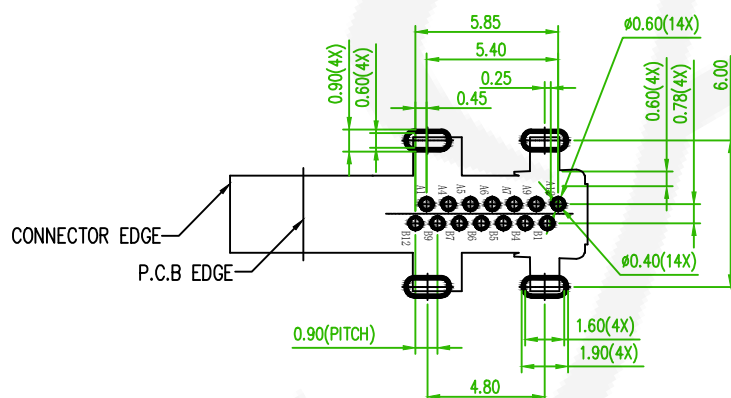
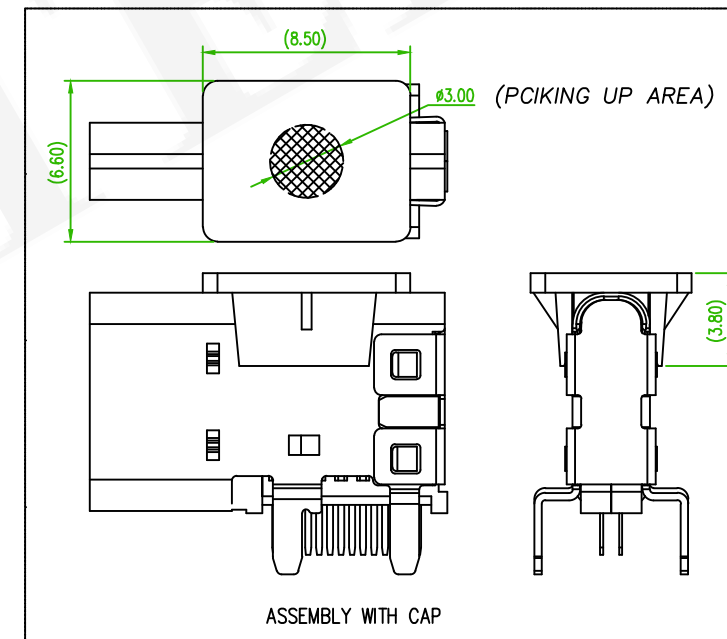


1:1 Port	G0:Gold flash	B:Black	RoHS	R:T/R With Cap
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USB TYPE-C PIN ASSIGNMENTS

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



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

 糧德精密有限公司 Amtek Technology Co., Ltd. TEL: 886-2-2260-6878 FAX: 886-2-2260-8030	品名 TITLE	USB 3.1 C TYPE FEMALE DIP UPRIGHT TYPE				頁數 Page	1/1
	品號 PART NO.	5US4C02UF-114G0BUR41				繪圖 DRAWN	Alice 2022/04/30
	圖號 DRAWING NO.	GN195-AB253	版本 REV.	A	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 .XX: ±0.20	單位 UNIT	mm	THIRD ANGLE PROJECTION		

REV.	ECN NO. OR DESCRIPTION	REVISED	DATE
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