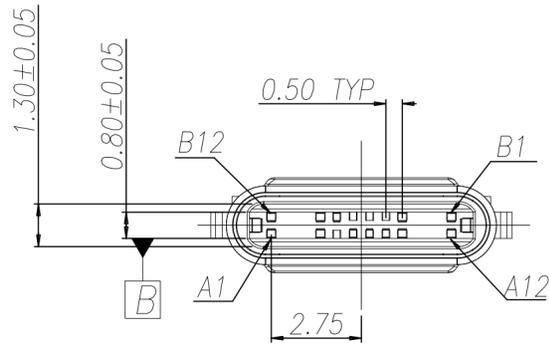


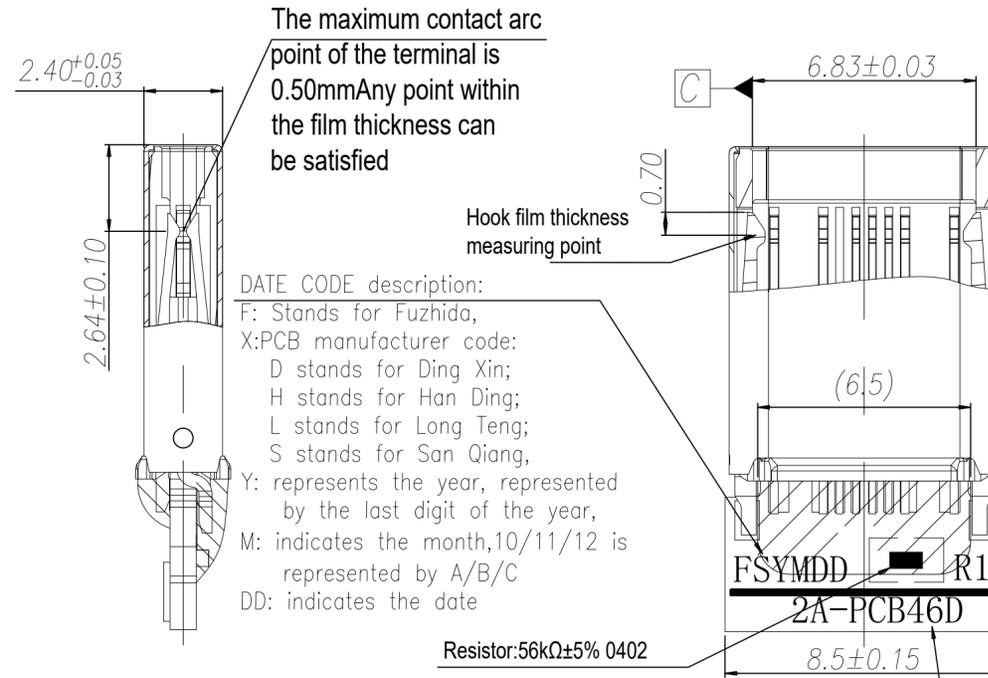
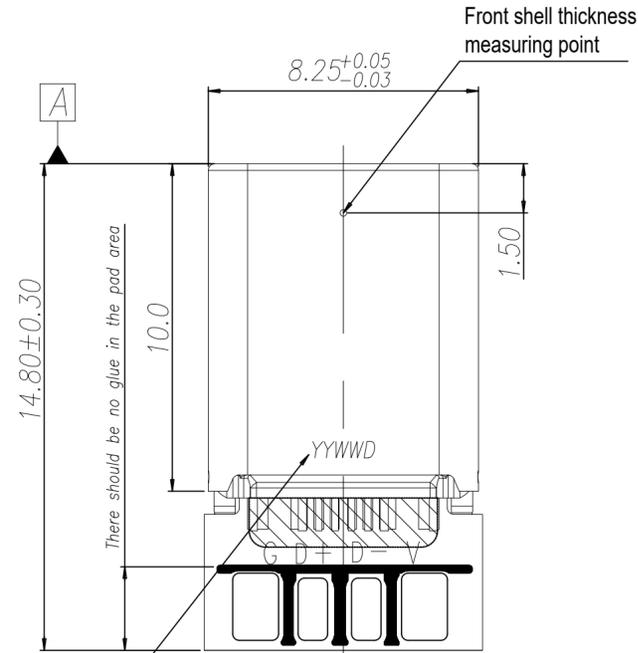
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A	RELEASED PER	ECN-25-303637	25JAN2025	TR	RCG



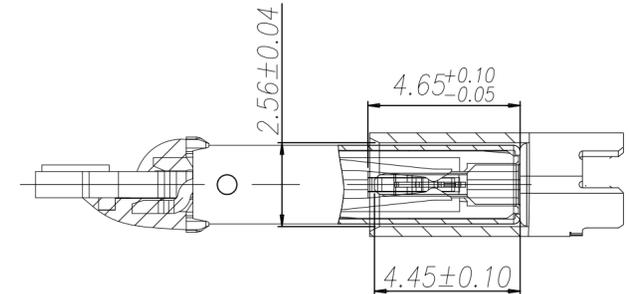
PCB WIRING DIAGRAM		
Pin		PAD
A1,B1,A12,B12	—	GND
A4,B4,A9,B9	—	VBUS
A5	□	R <sub>p</sub>
A6	—	D+
A7	—	D-

**NOTE:**

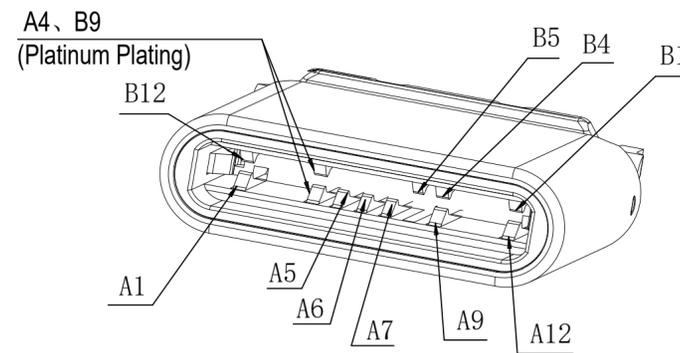
- ELECTRICAL CHARACTERISTICS;**
  - Contact Resistance: 40mΩ Max For Initial. 10mΩ Change After Test. Measure at 20mV, 100mA.
  - Contact Current Rating: 5A Max For V+/V- PIN; 0.25A Max For Other Pin.
  - Dielectric Withstand Voltage: 100V AC R.M.S.
  - Insulation Resistance: 100MΩMin
- MECHANICAL CHARACTERISTICS:**
  - Mating Force: 5~20 N (before and after) .
  - Pullout force: 8~20N(before); After Durability: 6~20N
  - Durability: 10,000 Cycles, 500 Cycles/H, 5000 times each front and back
- The Product Using Material And Processing Must Conform To The "WI-PZ-142"HSF Technical Standard Control Requirements.
- Operating Temperature : -40°C to +85°C



DATE CODE description:  
 F: Stands for Fuzhida,  
 X:PCB manufacturer code:  
 D stands for Ding Xin;  
 H stands for Han Ding;  
 L stands for Long Teng;  
 S stands for San Qiang,  
 Y: represents the year, represented by the last digit of the year,  
 M: indicates the month, 10/11/12 is represented by A/B/C  
 DD: indicates the date



Plug insertion View



One platinum plating specification PIN position description

DATE CORD  
 YY: YEAR  
 WW: WEEK  
 D: DAY(1~7)

**PINS DESCRIPTION  
 PLUG FRONT VIEW**

GND		VBUS			Vconn	VBUS		GND
B12		B9			B5	B4		B1
GND		VBUS	CC	D+	D-	VBUS		GND
A1		A4	A5	A6	A7	A9		A12

1	SHELL	1	STEEL	Nickel Plated Overall 20μ" MIN
2	A4/B9	1	T=0.25,COPPER ALLOY	Platinum Plating On Contact Area
3	GND PIN&A9/B4	3		All nickel base 50u" min, Contact Area 30u" min Gold Plating, Solder Area Tinned
4	A5, A6, A7, B5PIN	4	T=0.20,COPPER ALLOY	
5	BUCKLE	1	STEEL	Nickel Plated Overall.
	BUCKLE MD	1	LCP	UL94-V0,Black,HF
6	HOUSING	1	PA10T	UL94-V0,Off-white,HF
7	PCB	1	FR-4	
8	RESISTOR	1	YAGEO,RC0402FR-0756KL	56kΩ±5% 0402
S.No.	PRODUCT NAME	QUANTITY	GAUGE LATTICE	DESCRIPTION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.25 2 PLC ± 0.15 3 PLC ± 0.08 4 PLC ± - ANGLES ± 2°	DWN TARUN, R 26NOV2024 CHK NAIR, SREE KUMAR 27NOV2024 APVD RAGHAVAN, CG 27NOV2024	NAME USB TYPE C PLUG 12P
MATERIAL	FINISH	PRODUCT SPEC 108-161688 APPLICATION SPEC 114-161272	SIZE A2 CAGE CODE 00779 DRAWING NO C=2495151
CUSTOMER DRAWING		WEIGHT	RESTRICTED TO
		SCALE 1:1	SHEET 1 OF 1 REV A