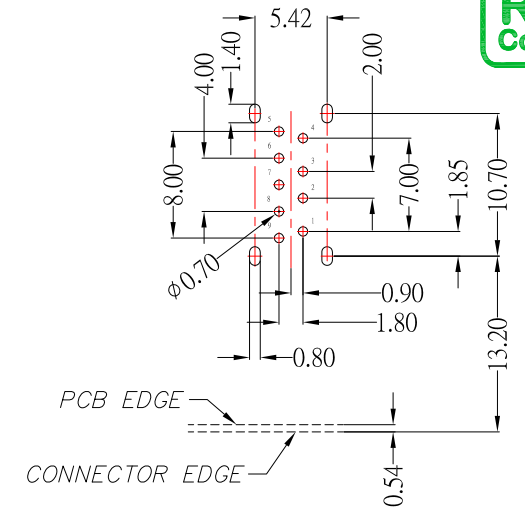
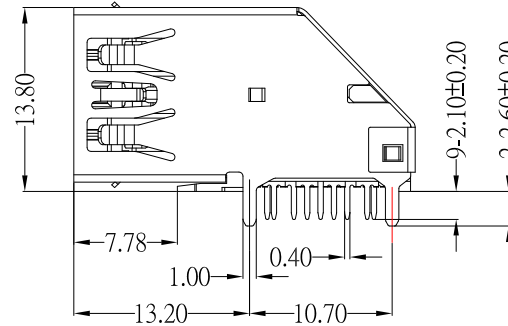
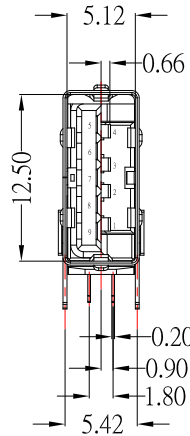
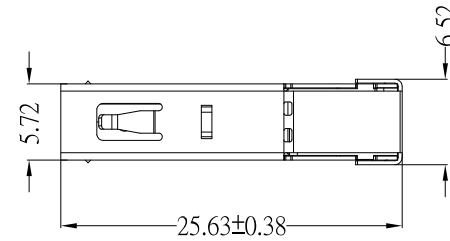




SUA-110PE-30x-S277

鍍層厚度:

Blank : 1u"
2 : 15u"
3 : 30u"



P.C.B LAYOUT MOUNTING PATTERN

NOTE:

1.MATERIAL:

- 1.1 HOUSING: LCP , Blue .
- 1.2 CONTACT: 4PIN---PHOSPHOR BRONZE.
5PIN---BRASS.
- 1.3 SHELL: SUS.

2.Finish:

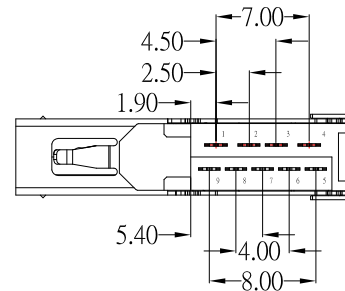
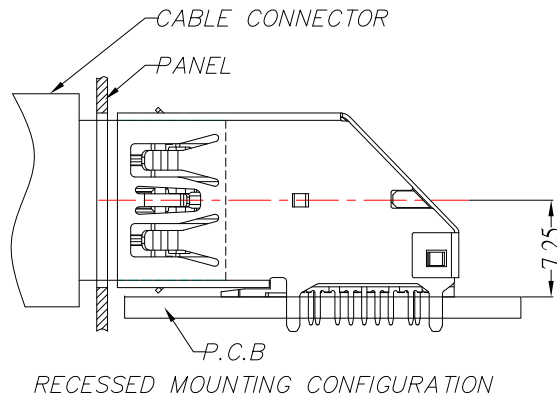
- 2.1 CONTACT: PLATED GOLD IN MATING AREA ;
TIN PLATED ON SOLDER BALLS ;
NICKEL UNDER PLATED OVERALL
- 2.2 SHELL: NICKEL UNDER PLATED SURFACE LAYER

3.ELECTRICAL CHARACTERISTICS:

- 3.1 CONTACT RESISTANCE: 30mΩ MAX (for pin1& pin4),
50mΩ MAX (for other contacts)
- 3.2 RATING: 1.8 A , 5.0V DC
- 3.3 DIELECTRIC WITHSTANDING VOLTAGE: 100V AC
- 3.4 INSULATION RESISTANCE 1000 MΩ MIN
- 3.5 OPERATING TEMPERATURE: -20°C ~ 85°C.

4.MECHANICAL CHARACTERISTICS:

- 4.1 MATING FORCE: 35N MAX;
- 4.2 UNMATING FORCE: 10N MIN;



Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FIRST



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CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :
Up to 5 ±0.2
Above 5 ~ 15 ±0.3
Above 15 ~ 30 ±0.4
Above 30 ~ 50 ±0.5
Angle ±0.3°

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	05/17/23			
CHECKED BY:	DATE	FINISH	MODLE	USB 3.0 AF 側插 無捲邊 外殼直2.6 L25.63
Jacky Chen	05/17/23			
APPROVED BY:	DATE	SCALE	DWG NO.	SUA-110PE-30x-S277
Tony Kao	05/17/23	1 : 1	PART NO.	SUA-110PE-30x-S277
		SHEET NO.	1 of 1	SIZE A4 VER R2