



SUA-110H12-32x-S242

鍍層厚度:

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

RECOMMENDED PCB LAYOUT

SPECIFICATIONS

Electrical:

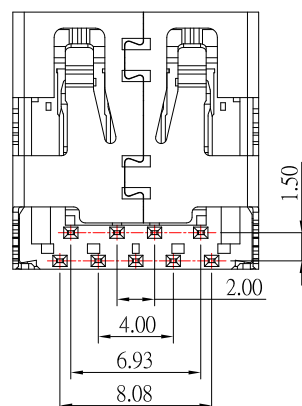
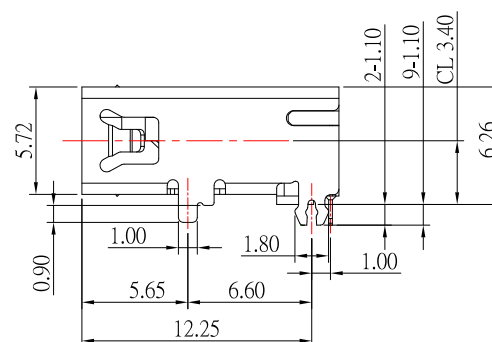
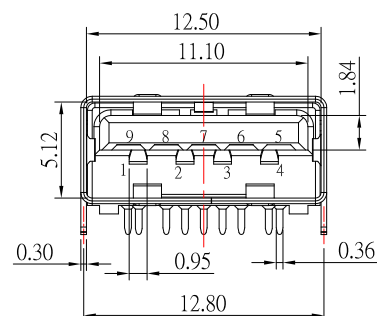
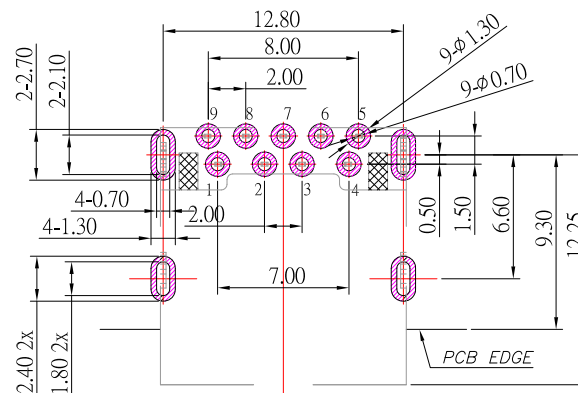
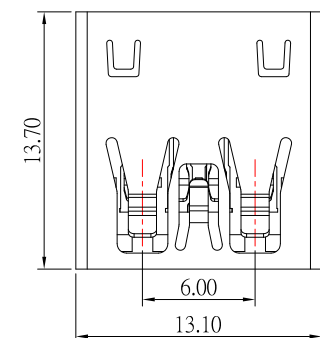
- 1.Contact Resistance: 30 mΩ Max
- 2.Insulation Resistance: 100 MΩ Min
- 3.Dielectric Withstanding Voltage: 100V AC
- 4.Insertion Force: 35N
- 5.Extraction Force: 10N

Material:

- 1.Housing: High-temp Plastic
- 2.Contact: Copper Alloy
- 3.Shell: SUS

Finish:

- 1.Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls
Nickel under plated overall
- 2.Shell: Nickel under Plated surface layer



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	FRIST



建倚科技股份有限公司
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	12/17/20	FINISH		MODLE	USB A/F 3.0 腳距6.6 H6.26mm L:13.7mm GEN 2
CHECKED BY:	DATE	SCALE	1 : 1	DWG NO.	SUA-110H12-32x-S242
Jacky Chen	12/17/20	SHEET NO.	1 of 1	PART NO.	SUA-110H12-32x-S242
APPROVED BY:	DATE				
Tony Kao	12/17/20				