



SUA-110H10-30x-S277

鍍層厚度：

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

NOTE:

1.MATERIAL:

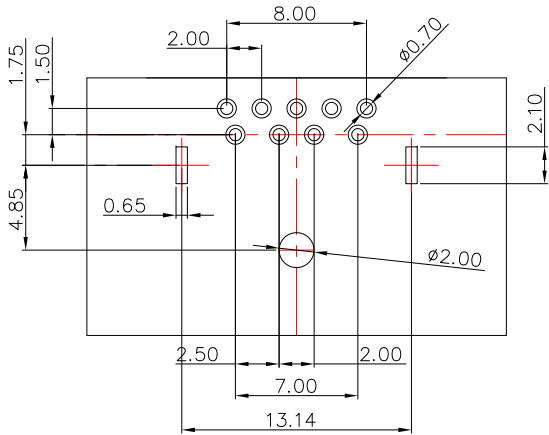
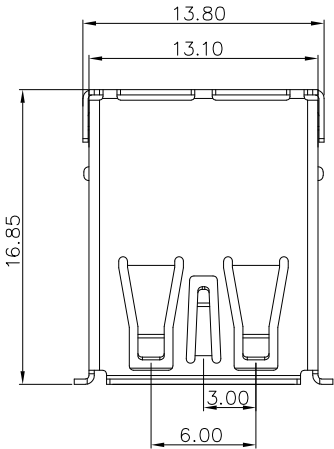
- 1.1 Housing: PBT
- 1.2 Contact: Phosphor Bronze
- 1.3 Shell: SUS

2.Finish:

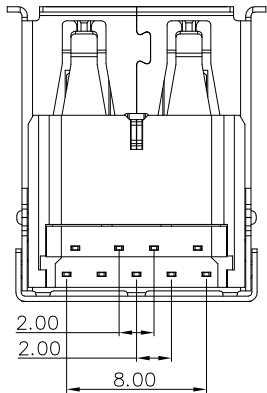
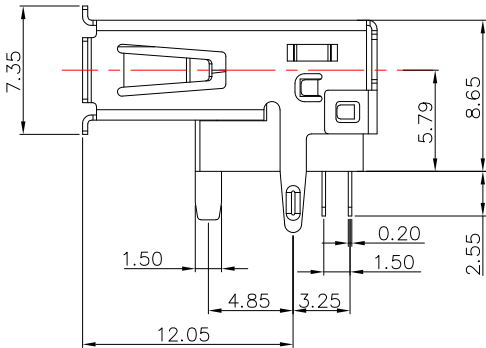
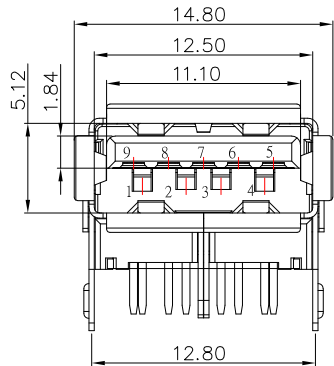
- 2.1 Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- 2.2 Shell: Nickel under Plated surface layer

3.SPECIFICATION:

- 3.1 Rating: 30V AC , 1.0A
- 3.2 Insulator Resistance:1000MΩ Min
- 3.3 Dielectric Strength: 500V AC
- 3.4 Contact Resistance: 30mΩ Max
- 3.5 Insertion Force: 35 N
- 3.6 Extraction Force: 10 N



PCB LAYOUT



USB 3.0 PIN ASSIGNMENTS

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: Jack Lu
DATE: 07/29/25
CHECKED BY: Jacky Chen
DATE: 07/29/25
APPROVED BY: Tony Kao
DATE: 07/29/25

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB AF 3.0 插板 捲邊 加高型
SCALE	1 : 1	DWG NO.	SUA-110H10-30x-S277
SHEET NO.	1 of 1	PART NO.	SUA-110H10-30x-S277

1	更新尺寸	Jack	072925
ITEM NO.	DESCRIPTION	DRAWN	DATE