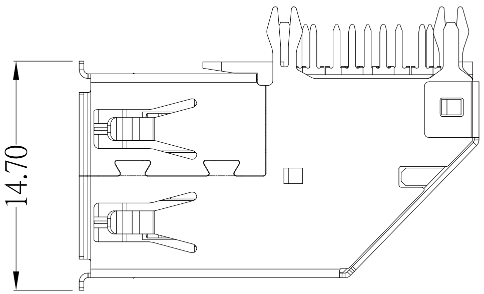
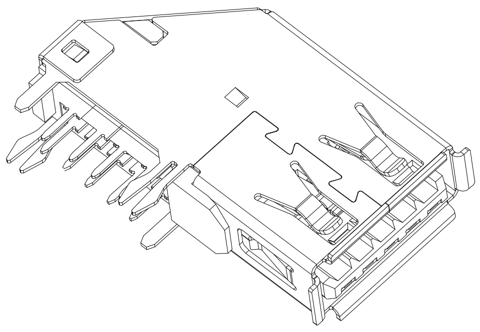
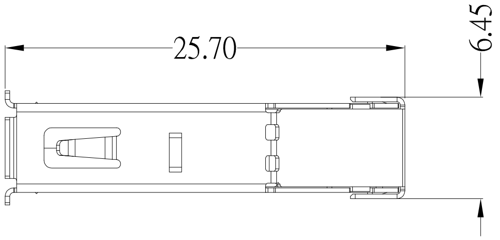
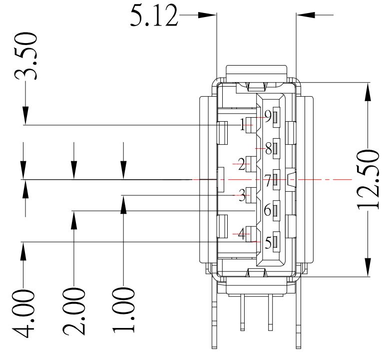
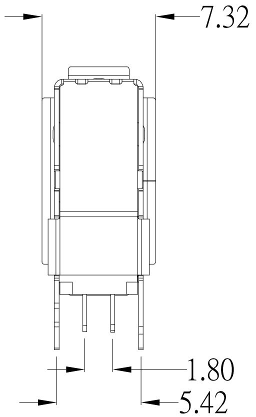
RoHS Compliant

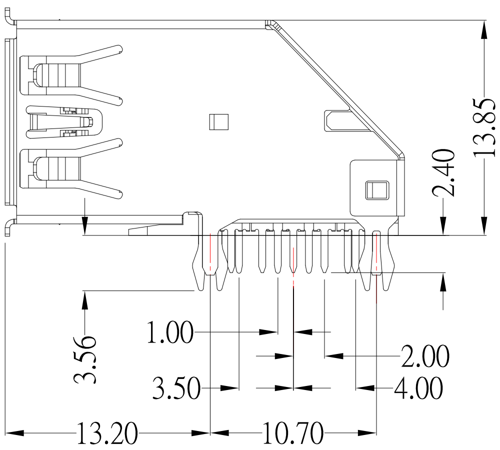








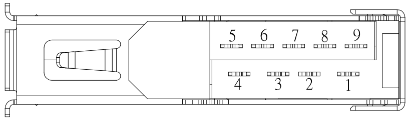




SUA-110P-30x-S277

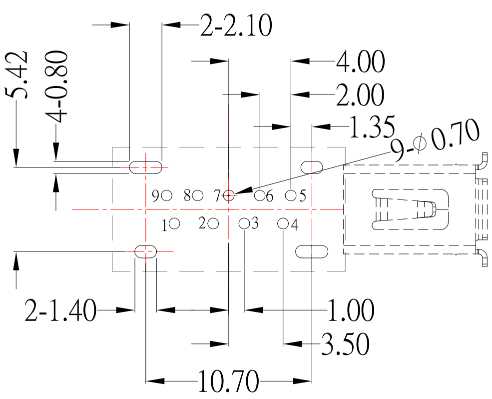
鍍層厚度 :

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



Pin Number	Signal Name	Pin Number	Signal Name
1	VBUS	5	SSRX-
2	D-	6	SSRX+
3	D+	7	GND
4	GND	8	SSTX-
Shell	Shield	9	SSTX+

P.C.B LAYOUT MOUNTING PATTERN
(TOP VIEW)



NOTE:

1.MATERIAL:

1.1 HOUSING: LCP , UL 94V-0 , 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 CONTACTRESISTANCE: 30mΩ MAX (for pin1& pin4),
50mΩ MAX (for other contacts)

3.2 RATING: 1.8 A(PIN1&4) ,0.25A(RTHER PIN)

3.3 DIELECTRIC WITHSTANDING VOLTAGE: 100 V AC

3.4 INSULATION RESISTANCE 100 MΩ MIN

3.5 OPERATING TEMPEROTURE: -55℃ ～ 85℃.

4.MECHANICAL CHARACTERISTICS:

4.1 MATING FORCE: 35N MAX;

4.2 UNMATING FORCE: 10N MIN;

4.3 DURABILITY:MANDATORY: 5,000 CYCLES.

ITEM NO.	DESCRIPTION	DRAWN	DATE
9	更新HOUSING材質	Jack	022224
8	更新SPEC	Jack	051723
7	新增pcb layout尺寸	Jack	101921
6	更新pin的定義	Jack	082621
5	新增pin的定義	Jack	081721
4	更新SPEC	Jack	090717
3	新增pin的編號	Jack	090417
2	新增pcb layout中pin的編號	Jack	012715
1	更新SPEC及材質	Jack	010515

東莞市高迪電子有限公司
DONG GUAN GAO DI ELECTRONICS CO., LTD

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 02/22/24		
CHECKED BY: Jacky Chen	DATE 02/22/24		
APPROVED BY: Tony Kao	DATE 02/22/24		

MAT'L		TITLE	CONNECTOR	
FINISH		MODLE	USB AF 3.0 側插	
SCALE	1 : 1	DWG NO.	SUA-110P-30x-S277	SIZE A4
SHEET NO.	1 of 1	PART NO.	SUA-110P-30x-S277	VER R9