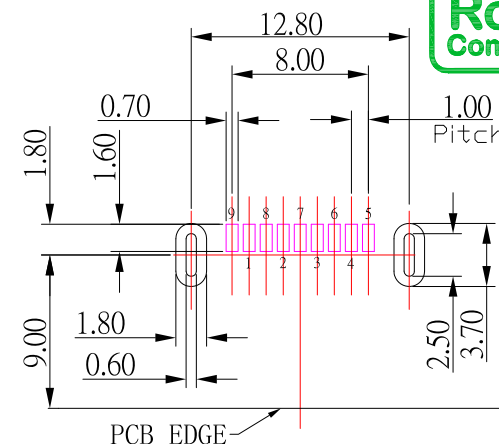
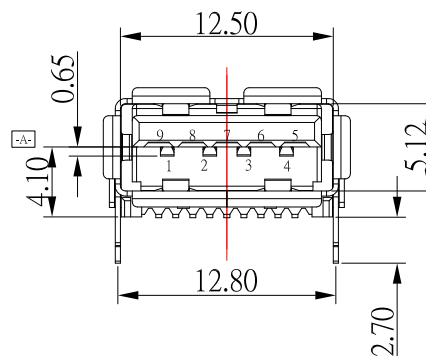
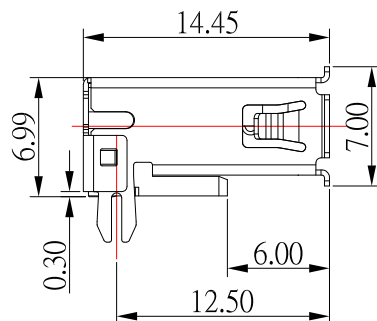
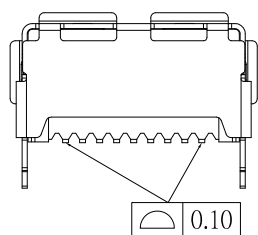
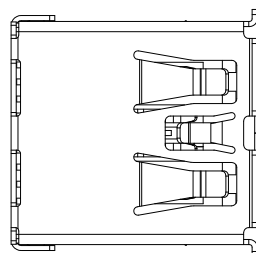
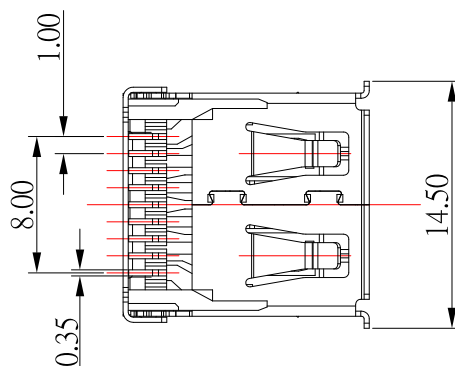




RECOMMENDED PCB LAYOUT



SUA-110M2-30x-S277

鍍層厚度：

Blank : 1u"

2 : 15u"

3 : 30u"

SPECIFICATIONS:

1.MATERIAL:

1.1 HOUSING: LCP, UL 94V-0

1.2 CONTACT: PHOSPHOR BRONZE

1.3 SHELL: BRASS

2.PLATING:

2.1 TERMINAL: 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 MAXIMUM

3.2 CONTACT CURRENT RATING: 1.5A

3.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.

3.4 INSULATION RESISTANCE: 1000 MΩ MIN

3.5 OPERATING TEMPERATURE: -40°C ~ 85°C

4 MECHANICAL CHARACTERISTICS:

4.1 MATING FORCE: 3.57kg MAX

4.2 UNMATED FORCE: 1.02kg MIN

4.3 DURABILITY: 1500 CYCLES

Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield



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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
04/07/22

CHECKED BY:
Jacky Chen

DATE
04/07/22

APPROVED BY:
Tony Kao

DATE
04/07/22

MAT'L

FINISH

SCALE

TITLE

MODLE

DWG NO.

CONNECTOR

USB 3.0 AF SMT本體長=14.45mm,
魚叉腳=2.70mm

SUA-110M2-30x-S277

SIZE

A4

VER

R5

ITEM NO.	DESCRIPTION	DRAWN	DATE
5	更新圖面	Jack	040722
4	新增尺寸	Jack	100518
3	更新DURABILITY	Jack	090618
2	新增尺寸	Jack	061917
1	更新樣式	Jack	091216