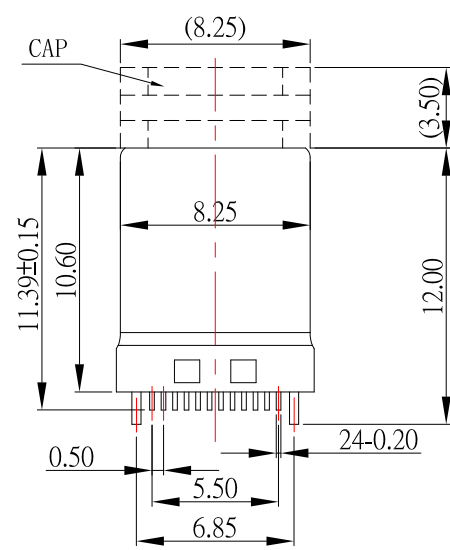
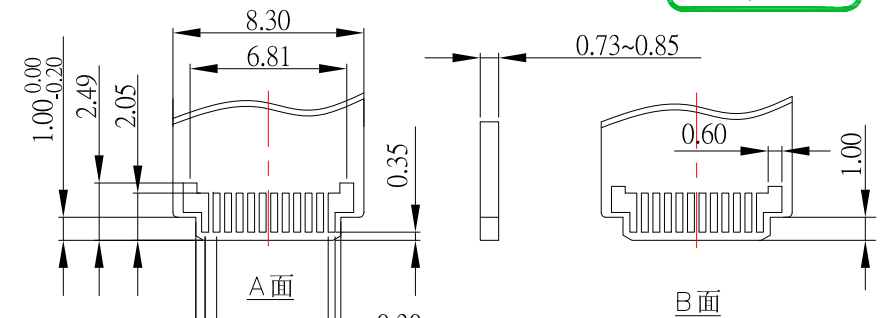
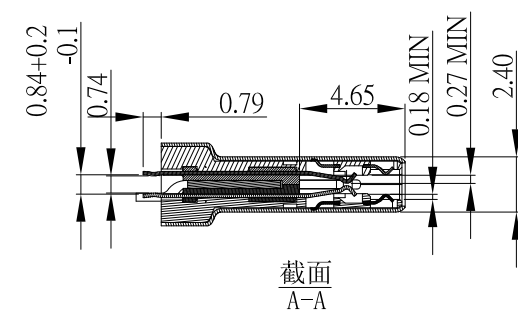
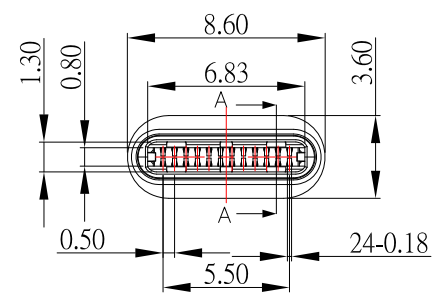


Pin Assignments			
Pin No	Signal Name	Signal Name	Pin No
A1	GND	GND	B12
A2	TX1+	RX1+	B11
A3	TX1-	RX1-	B10
A4	Vbus	Vbus	B9
A5	CC	SBU2	B8
A6	D+		B7
A7	D-		B6
A8	SBU1	Vconn	B5
A9	Vbus	Vbus	B4
A10	RX2-	TX2-	B3
A11	RX2+	TX2+	B2
A12	GND	GND	B1



PCB Layout



SPECIFICATIONS

Electrical:

1. Rating: 20V ; 5.0A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min
- 4.Dielectric Withstanding Voltage: 100V AC

Mechanical:

- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP
- 2.Contact: C7025
- 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

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TOLERANCE UNLESS OTHERWISE STATED :		Up to 5 ±0.2	3RD. ANGEL'S		UNITS	MM
		Above 5 ~ 15 ±0.3				
		Above 15 ~ 30 ±0.4				
		Above 30 ~ 50 ±0.5				
		Angle ±0.3°				

DRAWN BY:	DATE	MAT'L		TITLE	CONNECTOR
Jack Lu	12/13/23	FINISH		MODLE	USB4 TYPE C公頭不帶板 L10.6
CHECKED BY:	DATE	SCALE	1 : 1	DWG NO.	SBC-241PL32A-43-S165
Jacky Chen	12/13/23	SHEET NO.	1 of 1	PART NO.	SBC-241PL32A-43-S165
APPROVED BY:	DATE				
Tony Kao	12/13/23				

1	更新MODLE	Jack	121323
ITEM NO.	DESCRIPTION	DRAWN	DATE