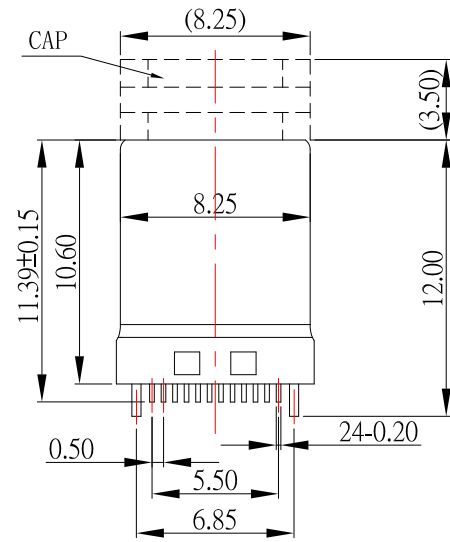
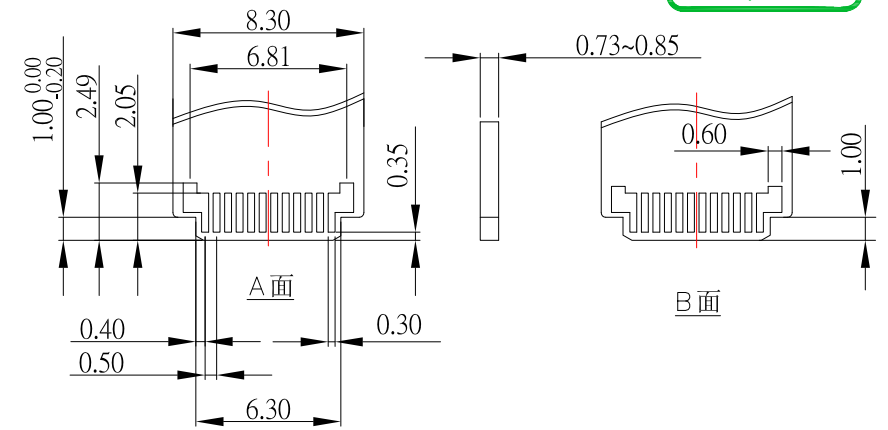
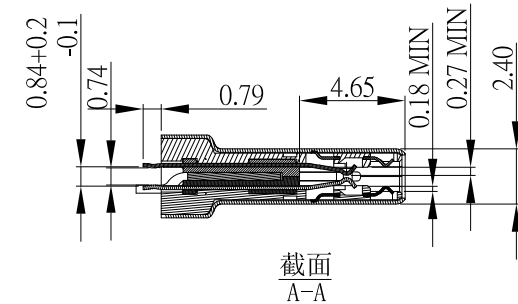
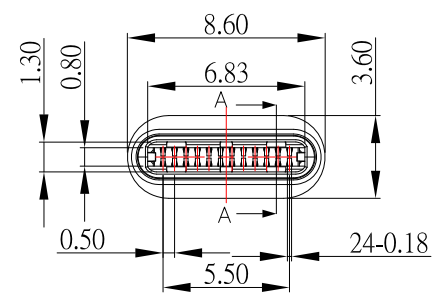


Pin Assignments			
Pin No	Signal Name	Signal Name	Pin No
A1	GND	GND	B12
A2	TX1+	RX1+	B11
A3	TX1-	RX1-	B10
A4	Vbus	Vbus	B9
A5	CC	SBU2	B8
A6	D+		B7
A7	D-		B6
A8	SBU1	Vconn	B5
A9	Vbus	Vbus	B4
A10	RX2-	TX2-	B3
A11	RX2+	TX2+	B2
A12	GND	GND	B1



PCB Layout



SPECIFICATIONS

Electrical:

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

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
 - Contact: C7025
 - Shell: SUS
- Finish:**
- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
 - Shell: Nickel under Plated surface layer



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