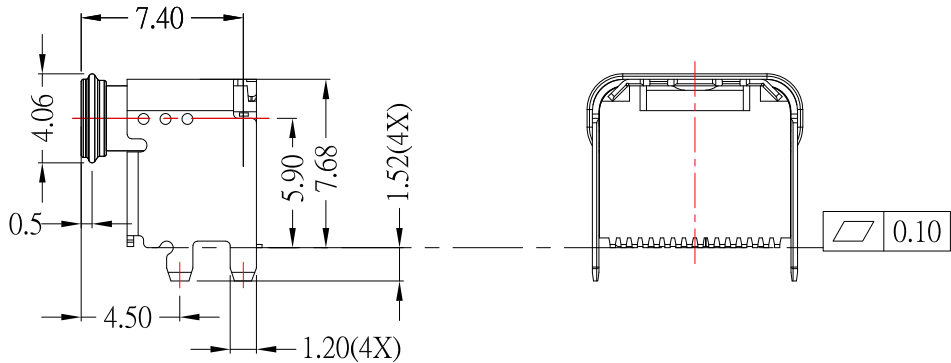
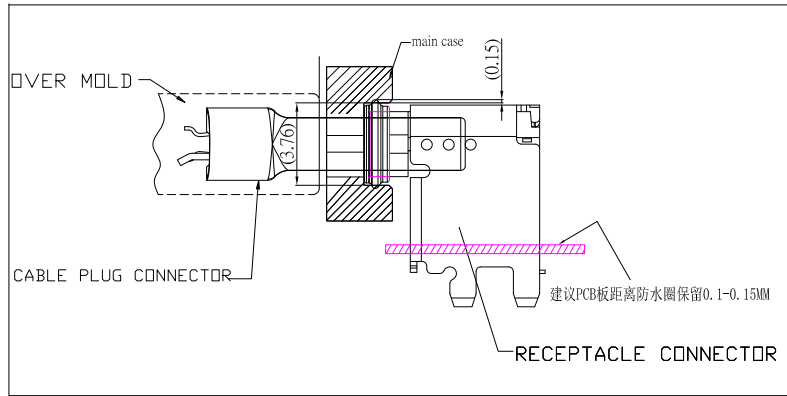
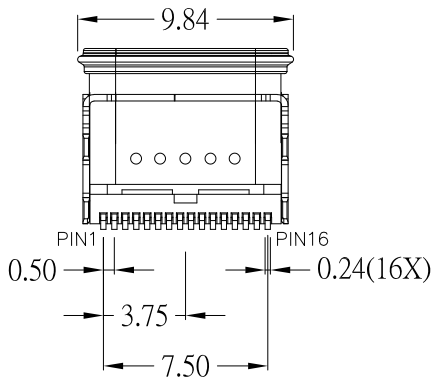
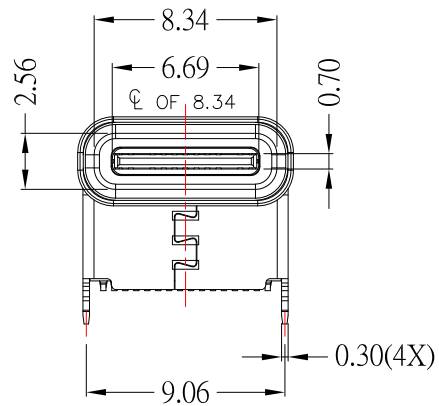
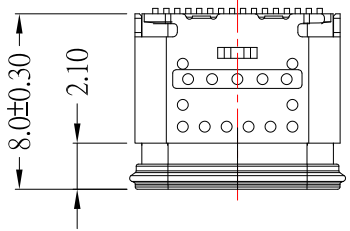
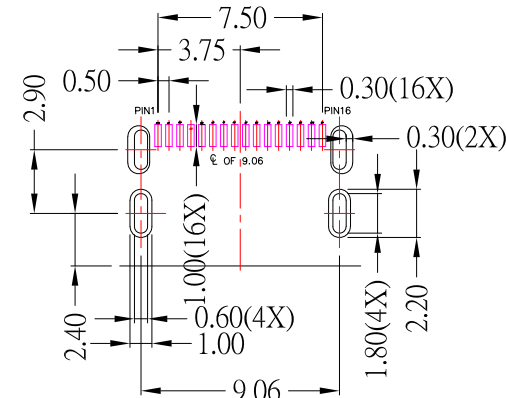




IPX8



PCB LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0 A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 1000 MΩ Min
- 4.Dielectric Withstand 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
- 4.O-ring: Silicone

Finish:

- 1.Contact: Plated Gold in Mating Area ;
Gold 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
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	12/03/25	FINISH	MODLE	USB C TYPE 2.0 Female CH5.90 防水型IP8
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP160S10-20-S410
Jacky Chen	12/03/25	1 : 1	PART NO.	SBC-WP160S10-20-S410
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	12/03/25			