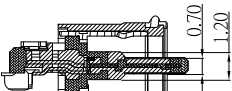
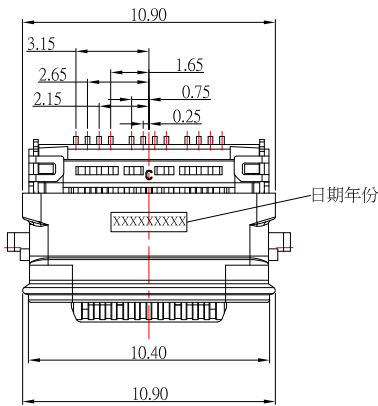


SBC-WP240M7-43x-S410

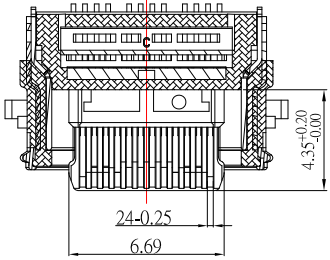
鍍層厚度：

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

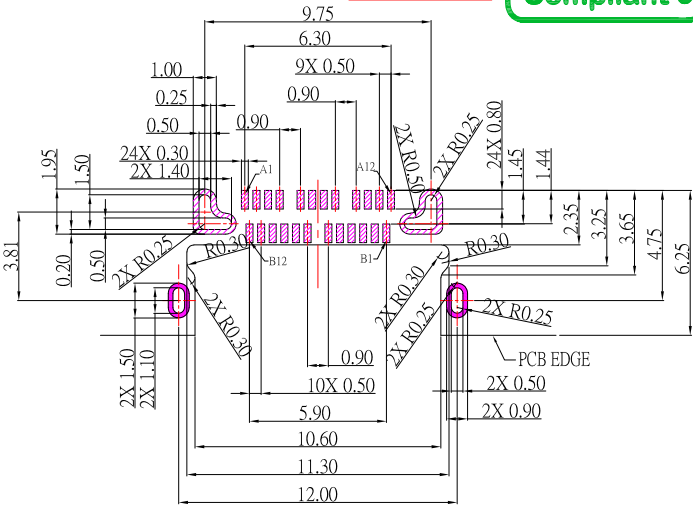
IP68



SECTION: A-A



SECTION: B-B



PCB LAYOUT

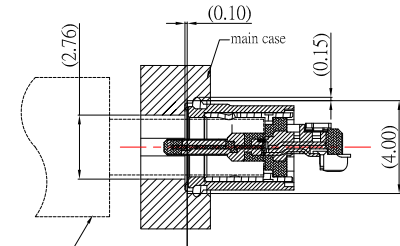
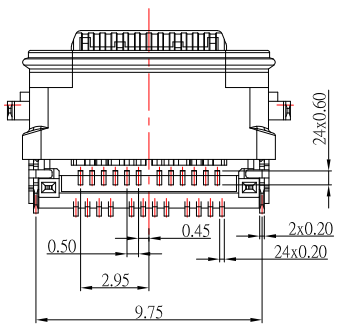
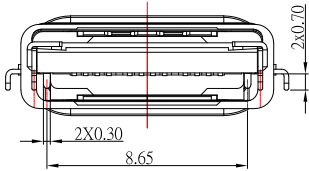
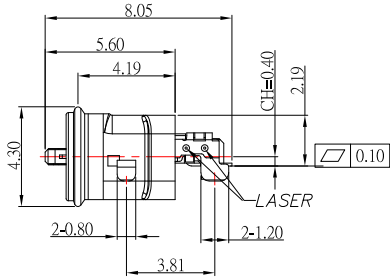
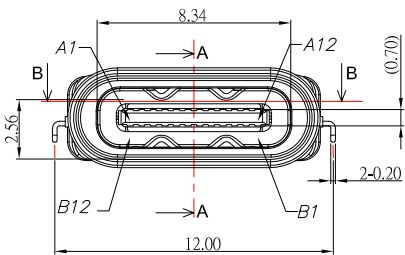
SPECIFICATIONS

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

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

- Material:
- 1.Housing: PA46,Black
 - 2.Contact: C18400
 - 3.Shell: SUS

- Finish:
- 1.Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
 - 2.Shell: Nickel under Plated surface layer



PANEL CUT-OUT REFERENCE

Pin	Signal Name	Description	Pin	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTx1	Positive half of first SuperSpeed TX differential pair	B11	SSRx1	Negative half of first SuperSpeed RX differential pair
A3	SSTx1	Negative half of first SuperSpeed TX differential pair	B10	SSRx1	Positive half of first SuperSpeed RX differential pair
A4	Vcc	Bus Power	B9	Vcc	Bus Power
A5	CC1	Configuration Channel	B8	SRD	Sidband Use(SRU)
A6	Dx1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dx2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dx1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dx2	Positive half of the USB 2.0 differential pair-Position 2
A8	SRU	Sidband Use(SRU)	B5	CC2	Configuration Channel
A9	Vcc	Bus Power	B4	Vcc	Bus Power
A10	SSRx2	Negative half of second SuperSpeed RX differential pair	B3	SSTx2	Positive half of second SuperSpeed TX differential pair
A11	SSRx2	Positive half of second SuperSpeed RX differential pair	B2	SSTx2	Negative half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

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
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DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	11/28/25	FINISH	MODLE	USB4 防水型 GEN 2 20G TYPE CF Mid Mount CH0.4mm
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP240M7-43x-S410
Jacky Chen	11/28/25	1 : 1	PART NO.	SBC-WP240M7-43x-S410
APPROVED BY:	DATE	SHEET NO.	1 of 1	SIZE A4 VER R1
Tony Kao	11/28/25			