

SBC-WP240VS6-31x-S410

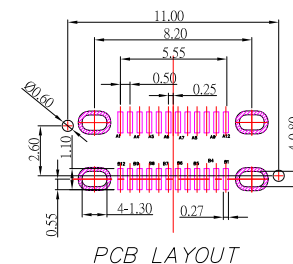
鍍層厚度:

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

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTx0a	Positive half of first SuperSpeed TX differential pair	B11	SSRx0a	Positive half of first SuperSpeed RX differential pair
A3	SSTx0b	Negative half of first SuperSpeed TX differential pair	B10	SSRx0b	Negative half of first SuperSpeed RX differential pair
A4	Vcc0	Bus Power	B9	Vcc0	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use(SBU)
A6	Ib1	Positive half of the USB 2.0 differential pair-Position 1	B7	Ib2	Negative half of the USB 2.0 differential pair-Position 2
A7	Ib1	Negative half of the USB 2.0 differential pair-Position 1	B6	Ib0	Positive half of the USB 2.0 differential pair-Position 2
A8	SR01	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	Vcc0	Bus Power	B4	Vcc0	Bus Power
A10	SSRx02	Negative half of second SuperSpeed RX differential pair	B3	SSTx02	Negative half of second SuperSpeed TX differential pair
A11	SSRx0a	Positive half of second SuperSpeed RX differential pair	B2	SSTx0a	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

IPX8



SECTION:A-A

SECTION:B-B

SPECIFICATIONS

Electrical:

- Rating: 5.0 A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding: 100V AC
- Operating Temperature: -40°C ~ 85°C

Mechanical:

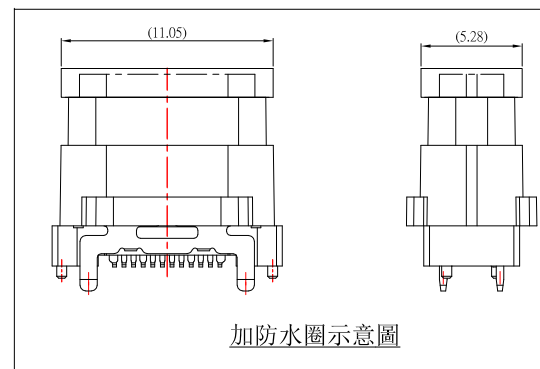
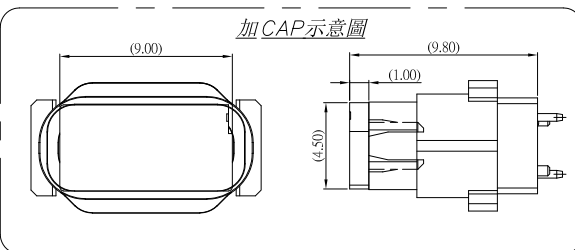
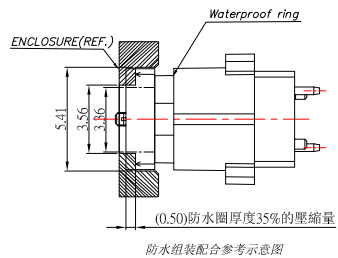
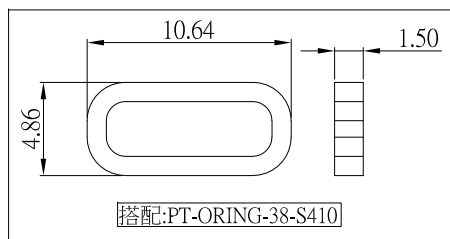
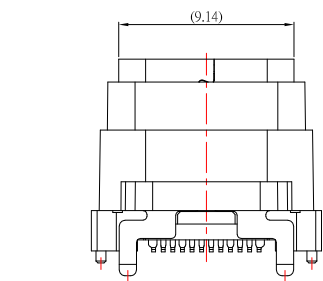
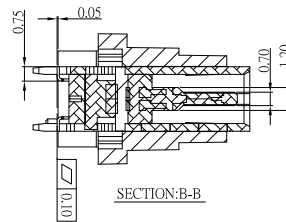
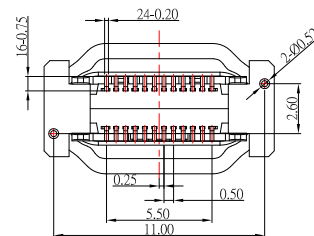
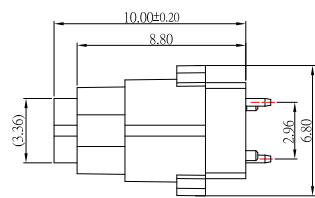
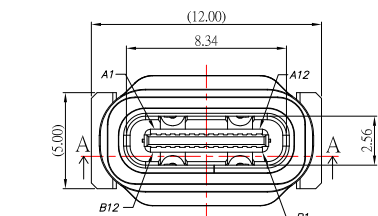
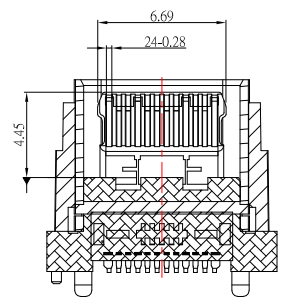
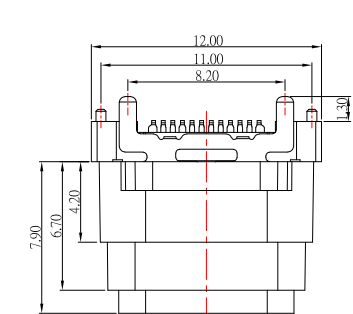
- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP,Black
- 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



ITEM NO.	DESCRIPTION	DRAWN	DATE
4	更新圖面	Jack	011326
3	更新尺寸位置	Jack	082624
2	更新圖面	Jack	062724
1	新增SPEC項目	Jack	051724

CONTACT 建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.

TOLERANCE UNLESS OTHERWISE STATED :

Up to 5	±0.2
Above 5 ~ 15	±0.3
Above 15 ~ 30	±0.4
Above 30 ~ 50	±0.5

3RD. ANGEL'S

UNITS MM

DRAWN BY:	DATE	MATL	TITLE	CONNECTOR
Jack Lu	01/13/26	FINISH	MODLE	USB C TYPE 180 度 SMT 2.0 Female H10.0防水型
CHECKED BY:	DATE	SCALE	DWG NO.	SIZE
Jacky Chen	01/13/26	1 : 1	SBC-WP240VS6-31x-S410	A4
APPROVED BY:	DATE	SHEET NO.	PART NO.	VER
Tony Kao	01/13/26	1 of 2	SBC-WP240VS6-31x-S410	R4