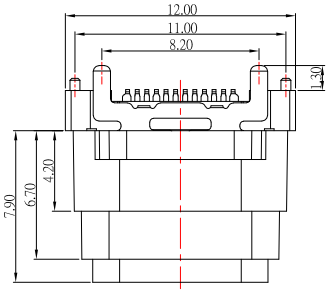
SBC-WP240VS6-31x-S410

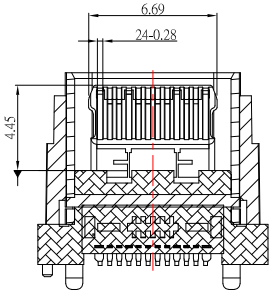
鍍層厚度：

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

IPX8

RoHS Compliant

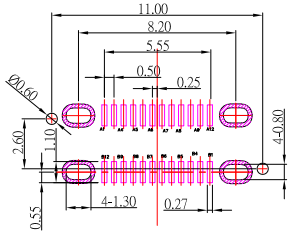




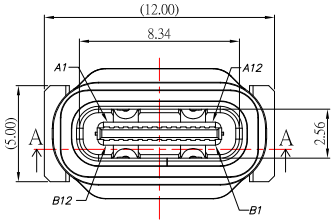
SECTION:A-A

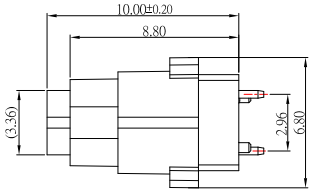
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

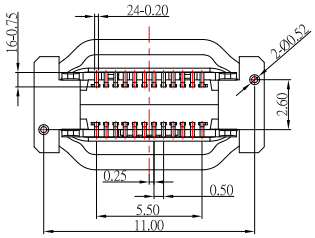
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTXp1	Positive half of first SuperSpeed TX differential pair	B11	SSRXp1	Positive half of first SuperSpeed RX differential pair
A3	SSTXn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	VBUS	Bus Power	B9	VBUS	Bus Power
A5	CC1	Configuration Channel	B8	SBU2	Sideband Use(SBU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SBU1	Sideband Use(SBU)	B5	CC2	Configuration Channel
A9	VBUS	Bus Power	B4	VBUS	Bus Power
A10	SSRXn2	Negative half of second SuperSpeed RX differential pair	B3	SSTXn2	Negative half of second SuperSpeed TX differential pair
A11	SSRXp2	Positive half of second SuperSpeed RX differential pair	B2	SSTXp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return

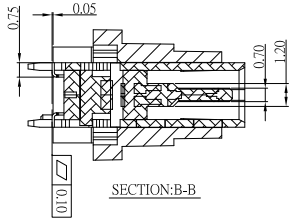


PCB LAYOUT

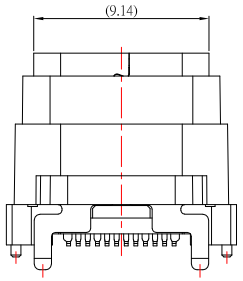


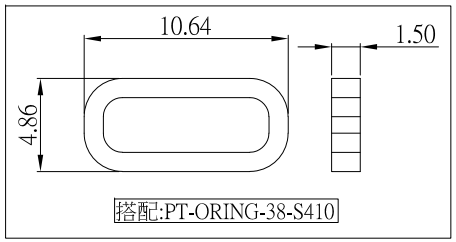




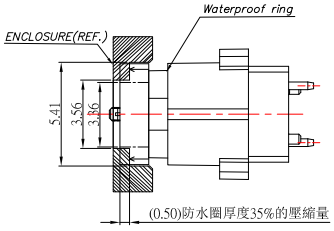


SECTION:B-B



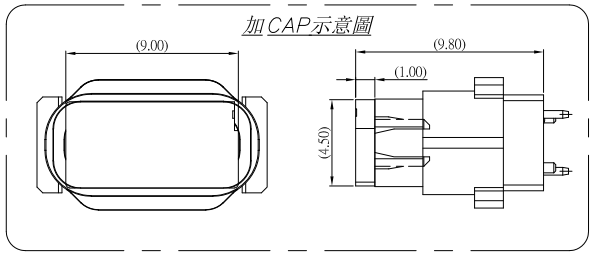


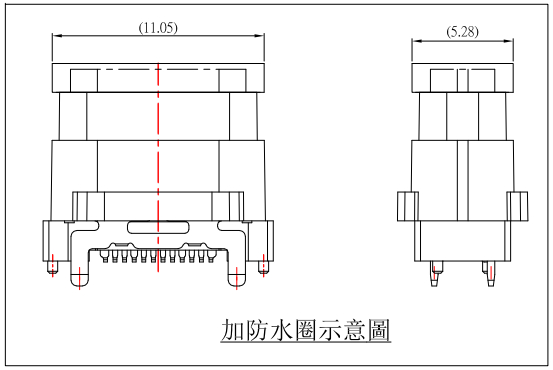
搭配:PT-ORING-38-S410



(0.50)防水圈厚度35%的壓縮量

防水組裝配合參考示意图





加防水圈示意圖

SPECIFICATIONS

Electrical:

1.Rating: 5.0 A

2.Contact Resistance: 40 mΩ Max

3.Insulation Resistance: 100 MΩ Min

4.Dielectric Withstanding: 100V AC

5.Operating Temperature: -40℃ ~ 85℃

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,Black

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

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: Jack Lu	DATE 01/13/26	
CHECKED BY: Jacky Chen	DATE 01/13/26	
APPROVED BY: Tony Kao	DATE 01/13/26	

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB C TYPE 180 度 SMT 2.0 Female H10.0防水型
SCALE	1 : 1	DWG NO.	SBC-WP240VS6-31x-S410 SIZE A4
SHEET NO.	1 of 2	PART NO.	SBC-WP240VS6-31x-S410 VER R4