IPX8

RoHS Compliant

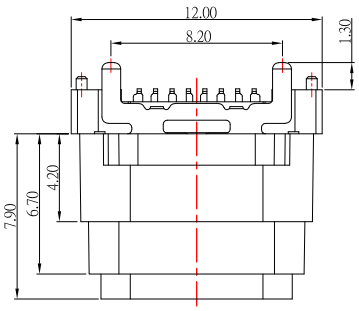
SBC-WP160VS6-20x-S410

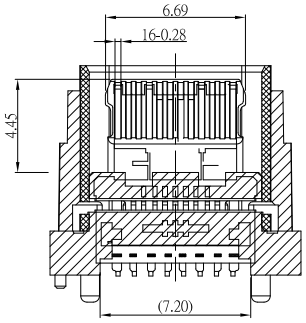
鍍層厚度：

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

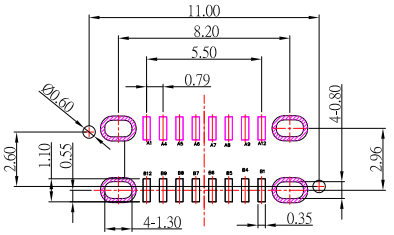
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS

PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
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
A12	GND	Ground return	B1	GND	Ground return

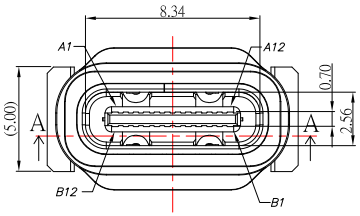


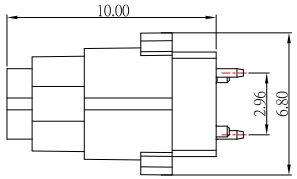


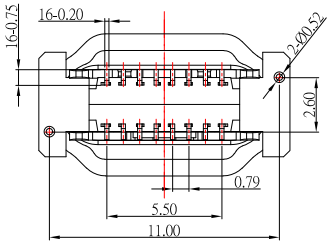
SECTION:A-A

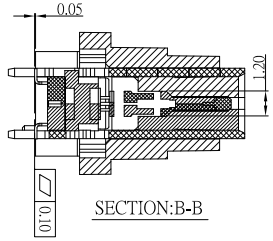


RECOMMENDED PCB LAYOUT

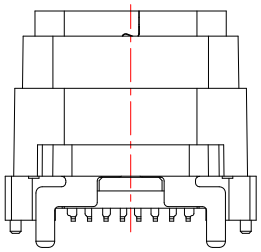


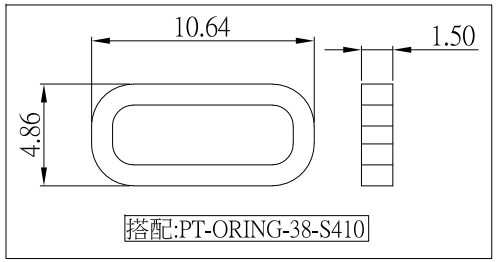




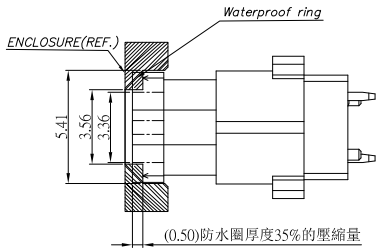


SECTION:B-B





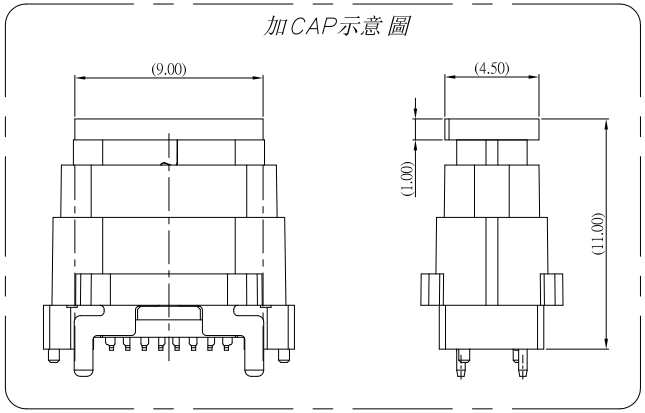
搭配:PT-ORING-38-S410



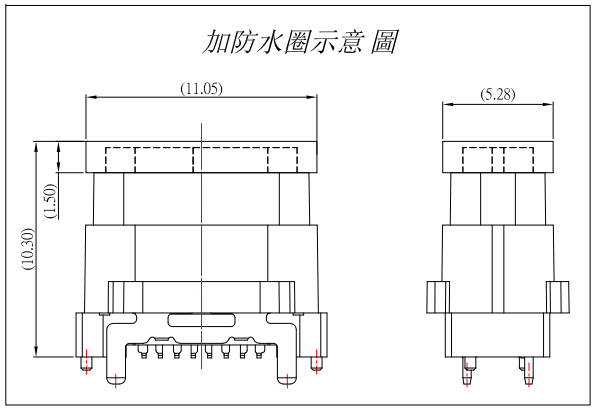
(0.50)防水圈厚度35%的壓縮量

建议防水圈与机构型腔配合干涉量

加CAP示意圖



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

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

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
1	更新圖面	Jack	011326

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

		DATE
DRAWN BY:	Jack Lu	01/13/26
CHECKED BY:	Jacky Chen	01/13/26
APPROVED BY:	Tony Kao	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-WP160VS6-20x-S410
SHEET NO.	1 of 2	PART NO.	SBC-WP160VS6-20x-S410

SIZE A4 | VER R1