



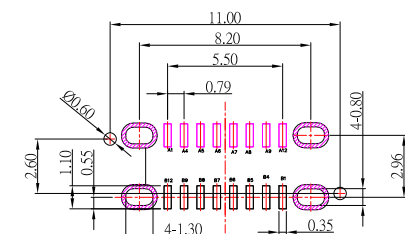
— 鍍層厚度：

Blank : 1u"

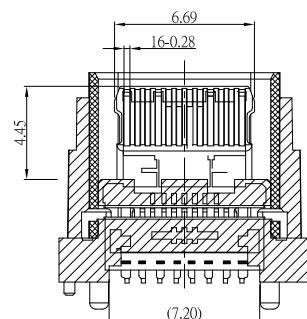
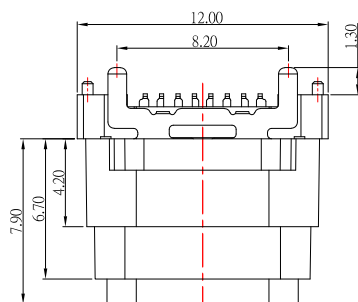
2 : 15u"

3 : 30u"

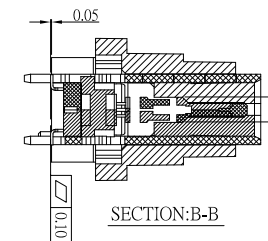
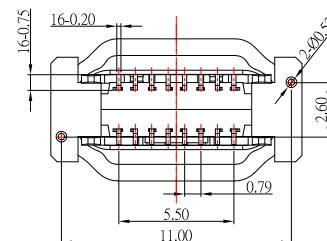
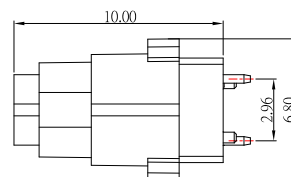
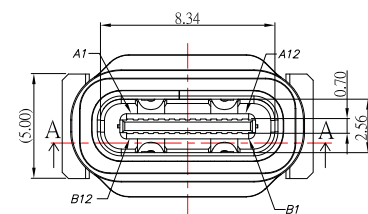
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground returns	B12	GND	Ground returns
A4	Yns	Bus Power	B9	Yns	Bus Power
A5	CC1	Configuration Channel	B8	SR2	Sideband Use (SR)
B6	Dn1	Positive half of the US 2.0 differential pair-Positive 1	B7	Inc2	Negative half of the US 2.0 differential pair-Positive 2
A7	Dn1	Negative half of the US 2.0 differential pair-Positive 1	B6	Dp2	Positive half of the US 2.0 differential pair-Positive 2
B8	SR1	Sideband Use (SR)	B5	CC2	Configuration Channel
A9	Yns	Bus Power	B4	Yns	Bus Power
A12	GND	Ground returns	B1	GND	Ground returns



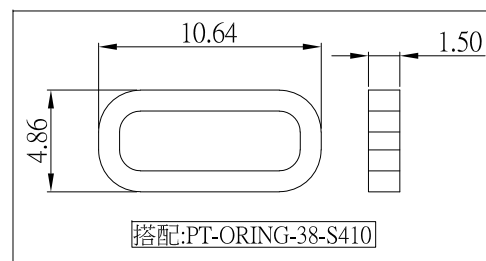
RECOMMENDED PCB LAYOUT



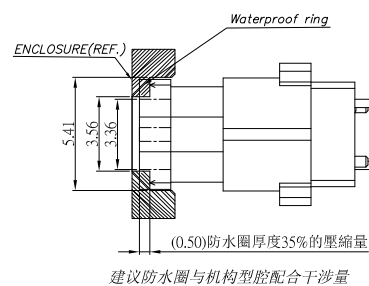
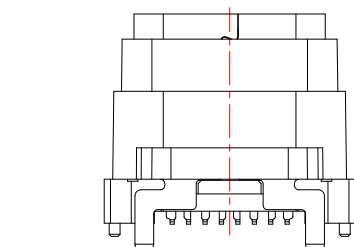
SECTION:A-A



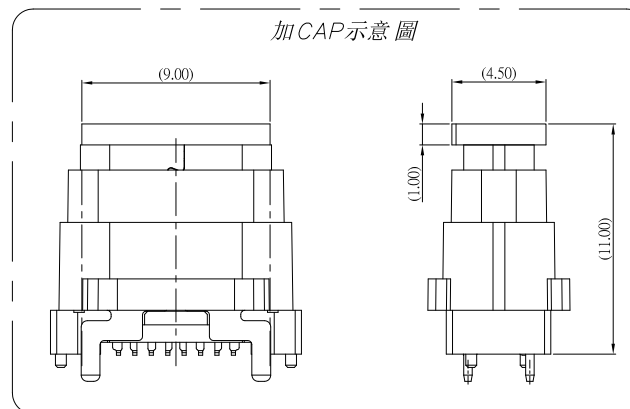
SECTION:B-B



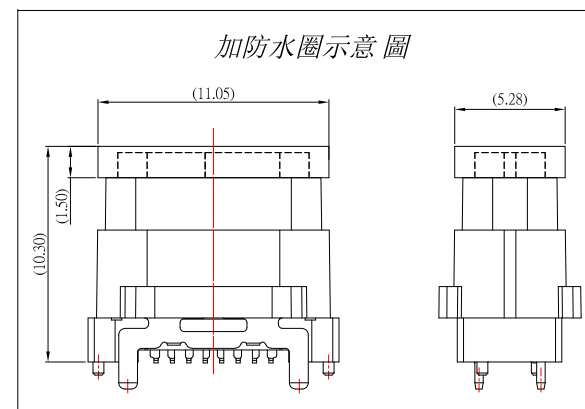
搭配:PT-ORING-38-S410



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

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

TOLERANCE UNLESS OTHERWISE STATED :	Up to 5	± 0.2	3RD. ANGEL'S		UNITS	MM
	Above 5 ~ 15	± 0.3				
	Above 15 ~ 30	± 0.4				
	Above 30 ~ 50	± 0.5				

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

5	MAT'L		TITLE	CONNECTOR	
	FINISH		MODLE	USB C TYPE 180 度 SMT 2.0 Female H10.0防水型	
5	SCALE	1 : 1	DWG NO.	SBC-WP160VS6-20x-S410	SIZE A4
5	SHEET NO.	1 of 2	PART NO.	SBC-WP160VS6-20x-S410	VER P1