

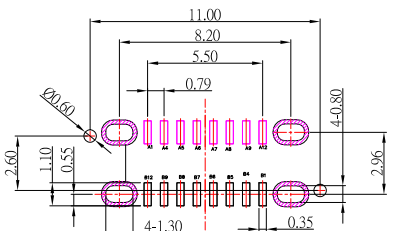


SBC-WP160VS6-20x-S410

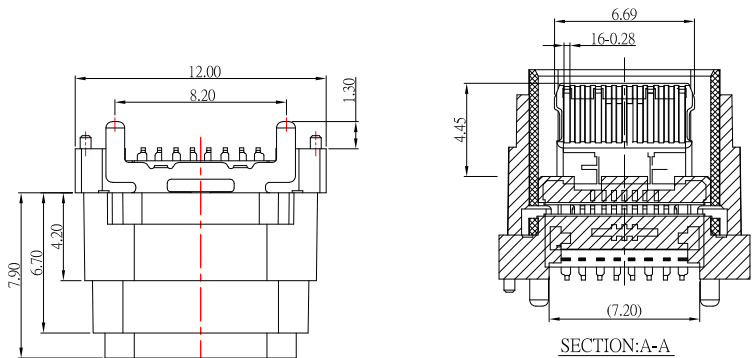
鍍層厚度：

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

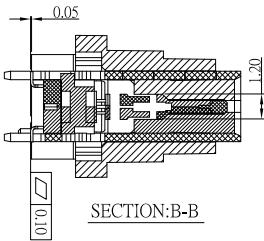
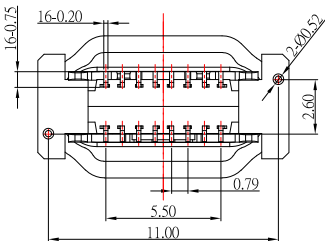
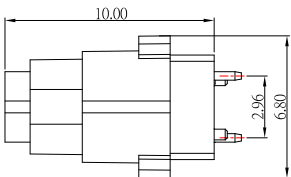
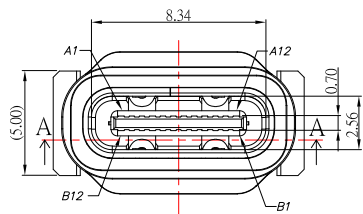
USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS					
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	SN0	Ground return	B12	SD0	Ground return
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SR02	Sideband Use(SB03)
A6	Dp1	Positive half of the USB 2.0 differential pair(Position 1)	B7	Dm2	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	SR01	Sideband Use(SB0)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A12	SD0	Ground return	B1	SD0	Ground return



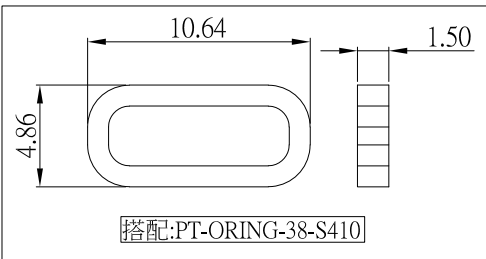
RECOMMENDED PCB LAYOUT



SECTION:A-A



SECTION:B-B



SPECIFICATIONS

Electrical:

- Rating: 5.0 A
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min

Mechanical:

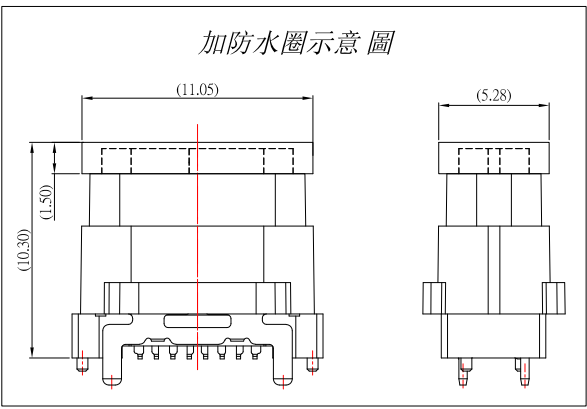
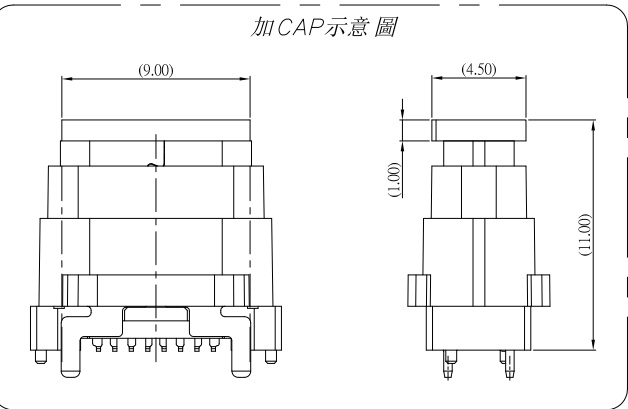
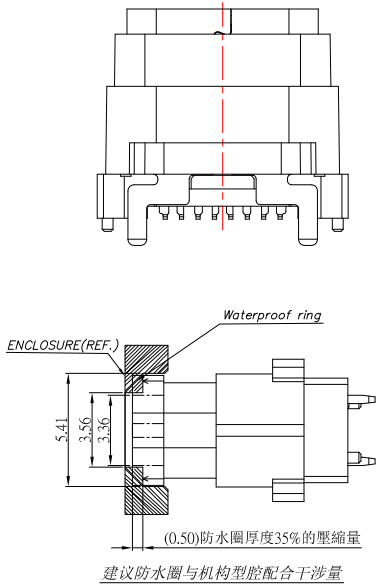
- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

Material:

- Housing: LCP
- 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



1	更新圖面	Jack	011326
ITEM NO.	DESCRIPTION	DRAWN	DATE

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

3RD. ANGEL'S

UNITS

MM

DRAWN BY:	DATE	MAT'L	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.	SBC-WP160VS6-20x-S410
Jacky Chen	01/13/26	1 : 1	PART NO.	SBC-WP160VS6-20x-S410
APPROVED BY:	DATE	SHEET NO.	1 of 2	SIZE
Tony Kao	01/13/26			A4
				VER
				R1