

IPX7



SBC-WP160V2-20x-S412

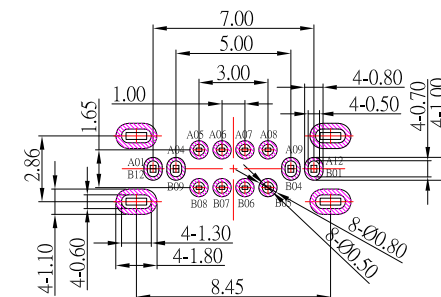
鍍層厚度:

Blank : 1u"

2 : 15u"

3 : 30u"

A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	D+	B7	D-
A7	D-	B6	D+
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME



PCB LAYOUT

SPECIFICATIONS

Electrical:

- 1.Rating: 5.0V , 5.0 A
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min

Mechanical:

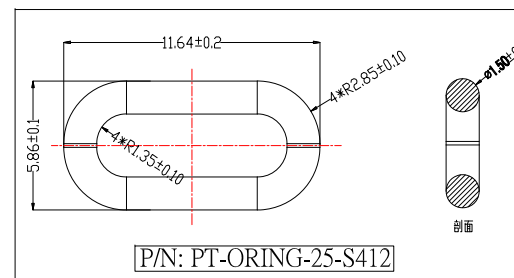
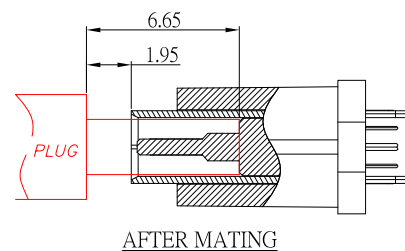
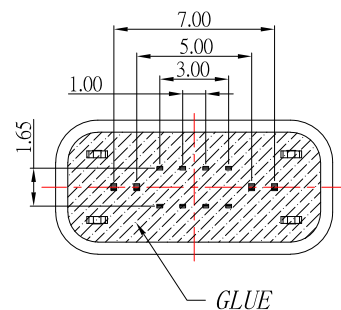
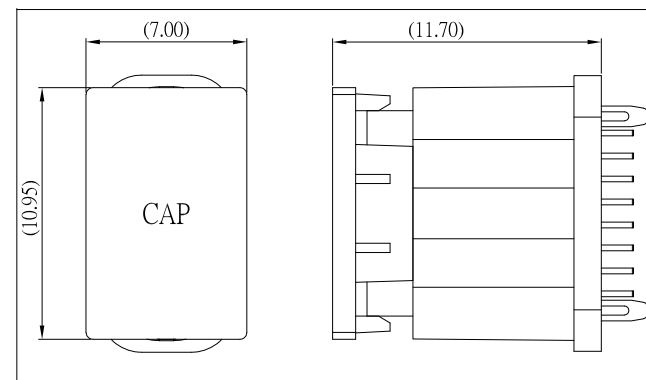
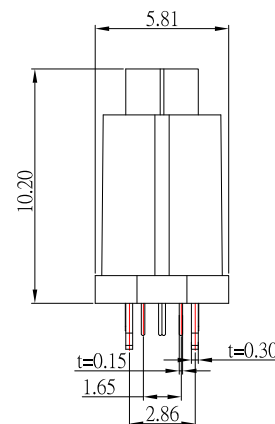
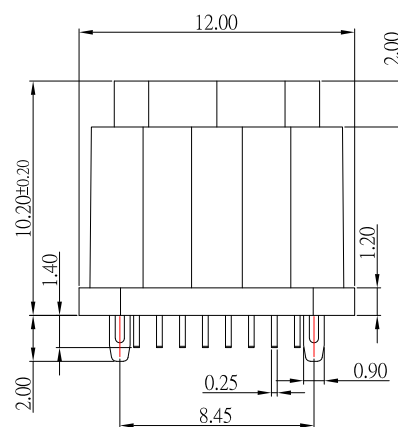
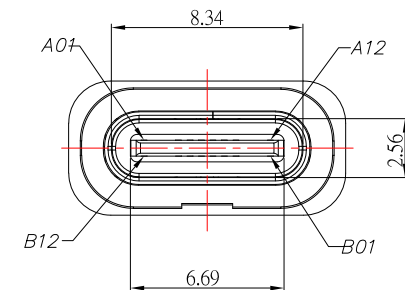
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: LCP,Black
- 2.Contact: C7025
- 3.Shell: SUS

Finish:

- 1.Contact: Plated Gold in Mating Area ;
Gold Plated on Solder Balls ;
Nickel under plated overall
- 2.Shell: Nickel under Plated surface layer



2	更新圖面	Jack	050925
1	新增O-RING圖示	Jack	080322
ITEM NO.	DESCRIPTION	DRAWN	DATE

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 Angle ±0.3	3RD. ANGEL'S	UNITS MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	05/09/25	FINISH	MODLE	USB C TYPE 180 度 2.0 Female H10.2 防水型IPX7
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP160V2-20x-S412
Jacky Chen	05/09/25	1 : 1	PART NO.	SBC-WP160V2-20x-S412
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	05/09/25			