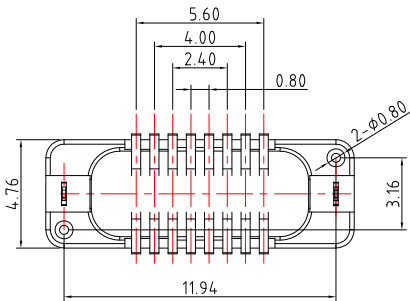
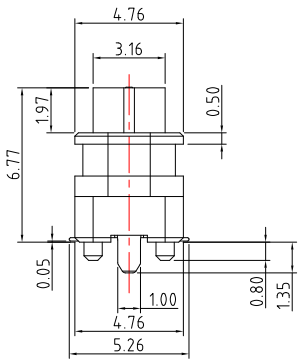
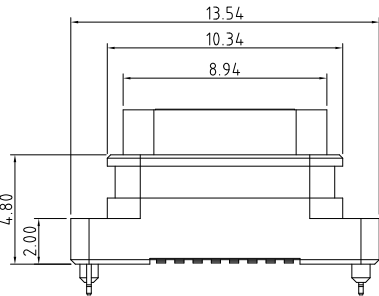


SBC-WP160VS3-20x-S410

鍍層厚度:

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

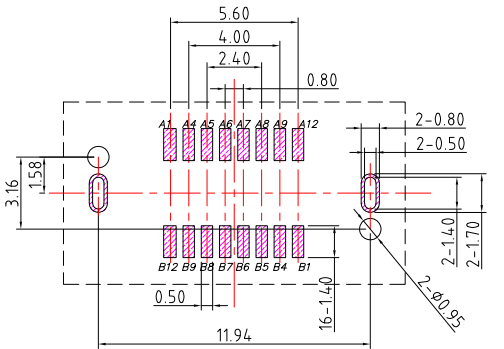
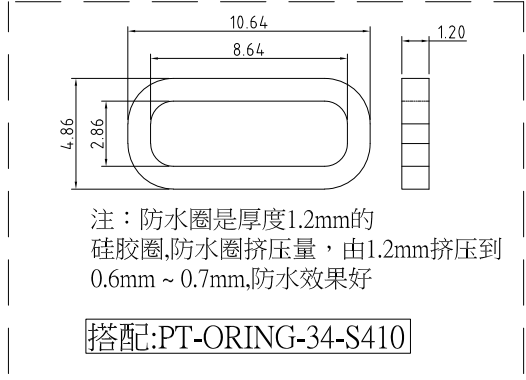
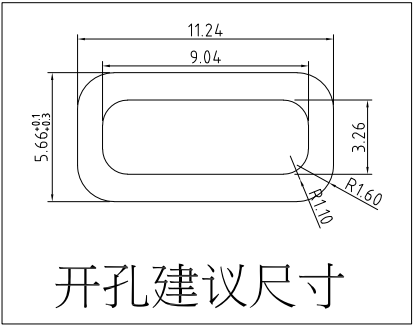
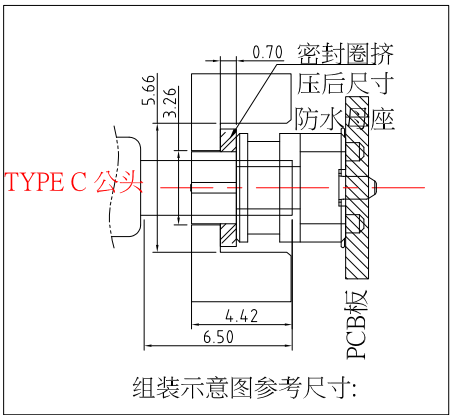


INTERFACE(FRONT VIEW)

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	DP1	DN1	SBU1	VBUS			GND
GND			VBUS	SBU2	DN2	DP2	CC2	VBUS			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

PIN ASSIGNMENT

PIN NO.	A1&B12	A4&B9	B8	A5	B7	A6	A7	B6	A8	B5	A9&B4	A12&B1
SINGAL NAME	GND	VBUS	SBU2	CC1	DN2	DP1	DN1	DP2	SBU1	CC2	VBUS	GND
PCB PAD NO.	C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12



RECOMMENDED PCB LAYOUT

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: PA9T
- 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



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	02/19/25	FINISH	MODLE	USB C TYPE 180 度 SMT 2.0 Female H6.77
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP160VS3-20x-S410
Jacky Chen	02/19/25	1 : 1	PART NO.	SBC-WP160VS3-20x-S410
APPROVED BY:	DATE	SHEET NO.	1 of 1	
Tony Kao	02/19/25			