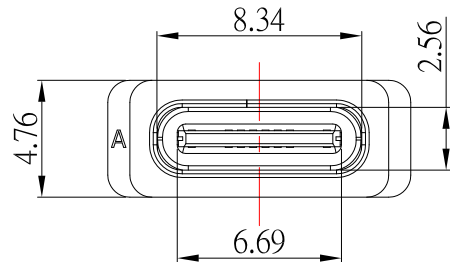


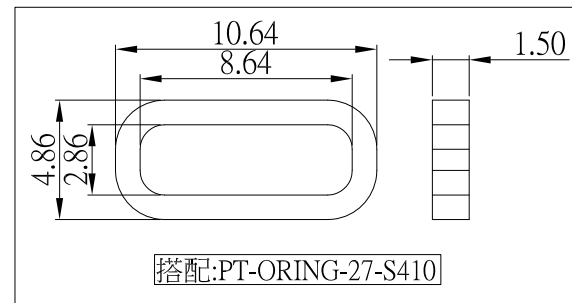
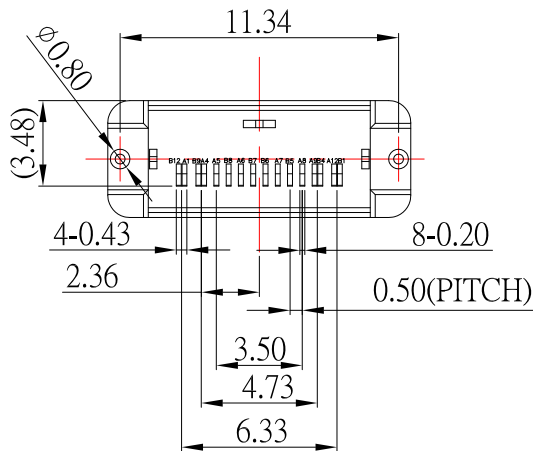
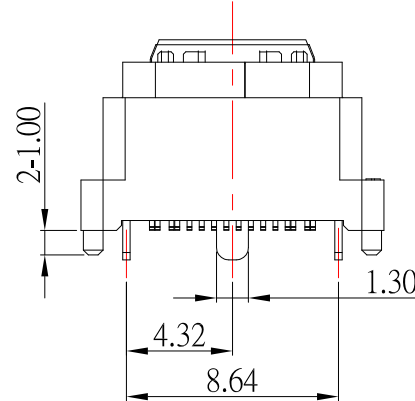
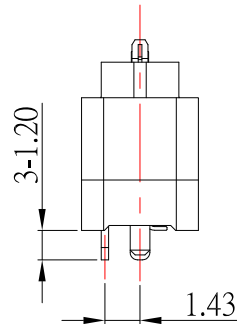
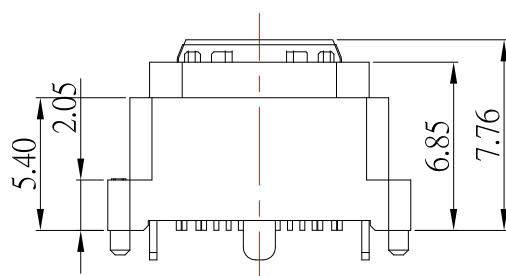
A B C D E F G H I J



SBC-WP160VS4-20x-S410

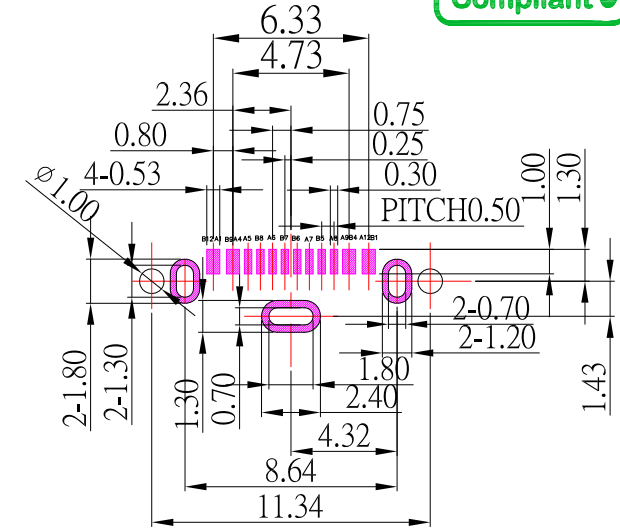
鍍層厚度:

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



A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	DP1	B7	DN2
A7	DN1	B6	DP2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND
PIN	SIGNAL NAME	PIN	SIGNAL NAME

IP68



RECOMMENDED PCB LAYOUT(TOP VIEW)

SPECIFICATIONS

Electrical:

- Rating: 3.0 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: PA10T
- Contact: C7025
- Shell: SUS

Finish:

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

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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: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao

DATE: 06/08/23
DATE: 06/08/23
DATE: 06/08/23

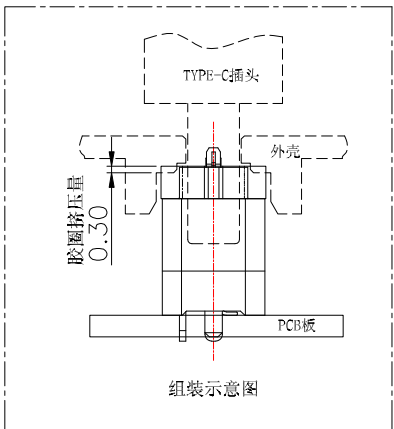
MAT'L
FINISH
SCALE: 1 : 1
SHEET NO. 1 of 2

TITLE: CONNECTOR
MODLE: USB C TYPE 180 度 SMT 2.0 Female H7.76防水型
DWG NO. SBC-WP160VS4-20x-S410
PART NO. SBC-WP160VS4-20x-S410

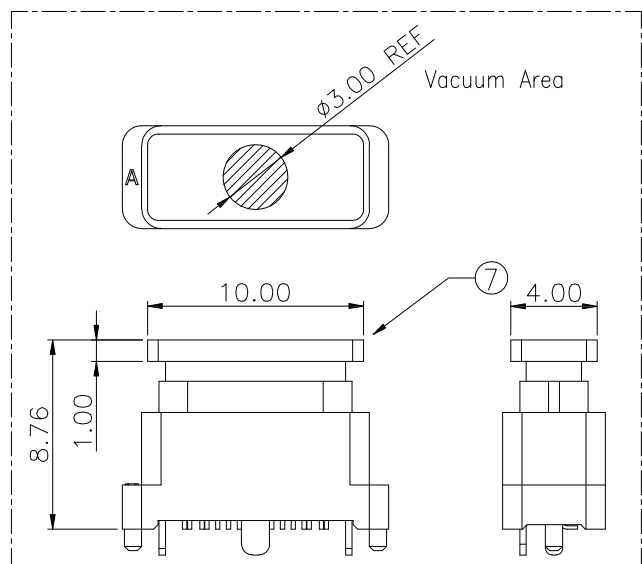
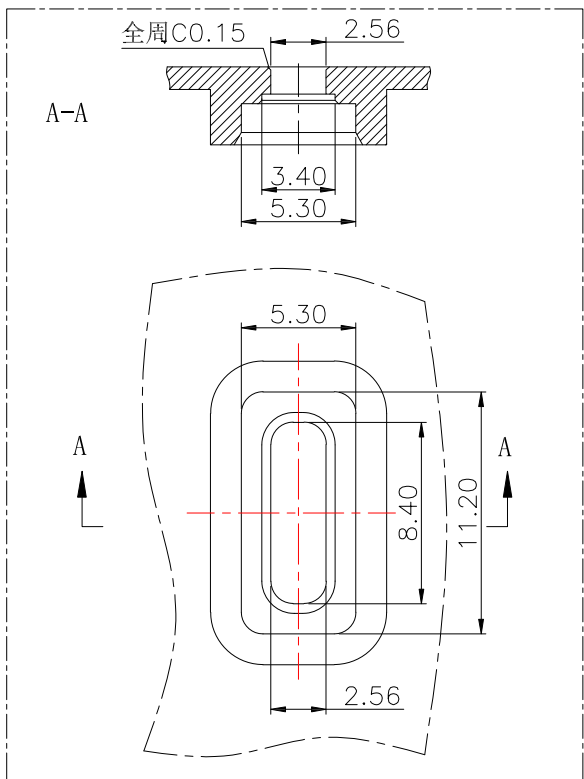
SIZE: A4
VER: R3



IP68



外壳参考设计图



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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	06/08/23		MODLE	USB C TYPE 180 度 SMT 2.0 Female H7.76防水型
CHECKED BY:	DATE	FINISH	DWG NO.	SBC-WP160VS4-20x-S410
Jacky Chen	06/08/23	SCALE	1 : 1	SIZE
APPROVED BY:	DATE	SHEET NO.	PART NO.	VER
Tony Kao	06/08/23	2 of 2	SBC-WP160VS4-20x-S410	R3