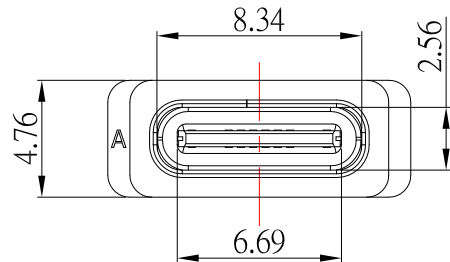


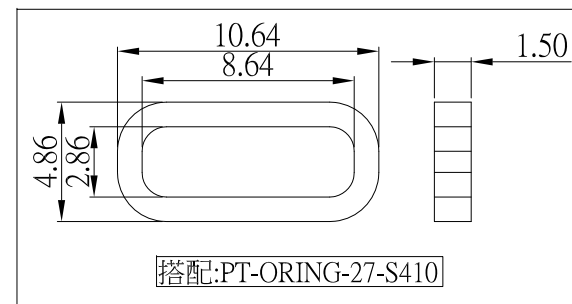
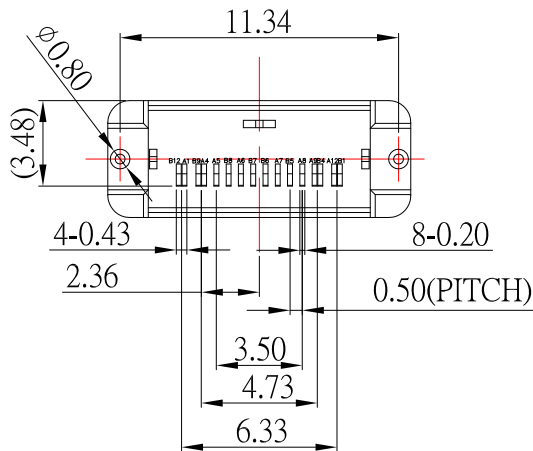
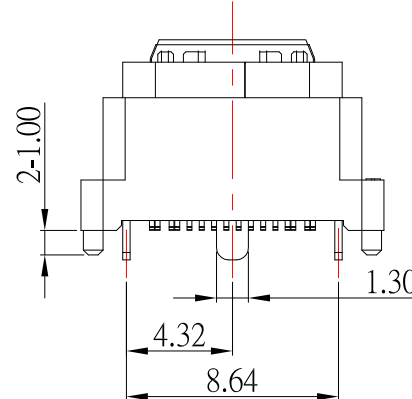
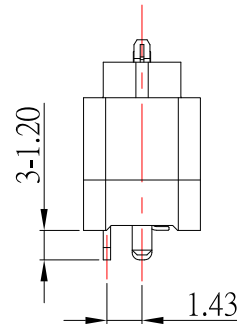
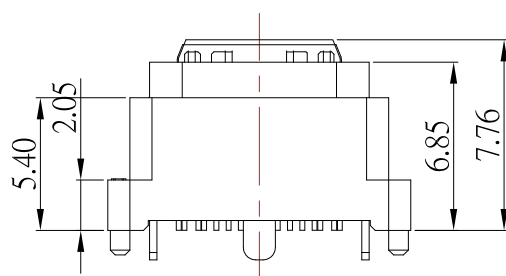
A B C D E F G H I J



SBC-WP160VS4-20x-S410

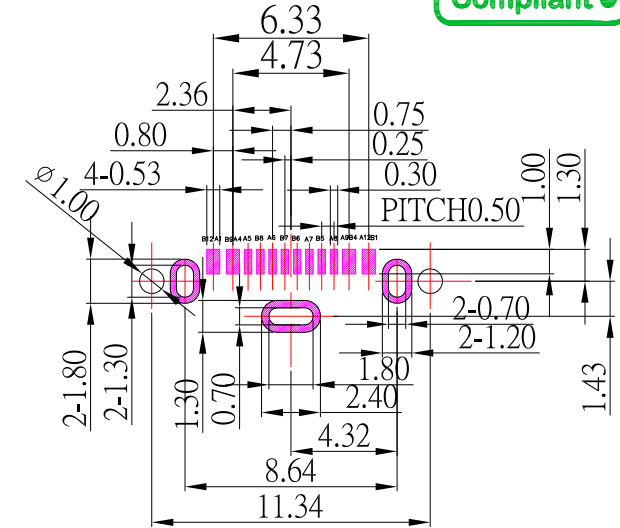
鍍層厚度:

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:

- 1.Rating: 3.0 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: PA10T
- 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

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

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

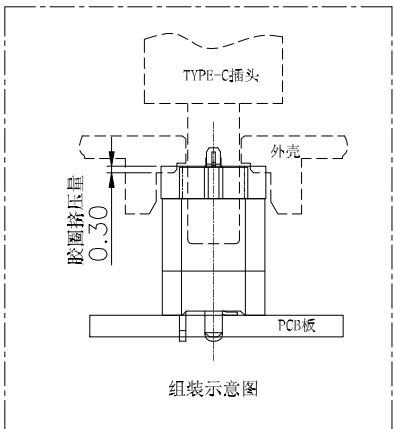
7

7

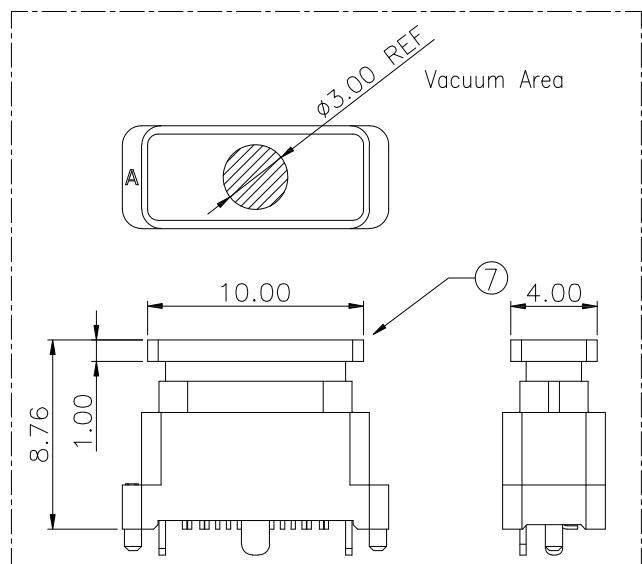
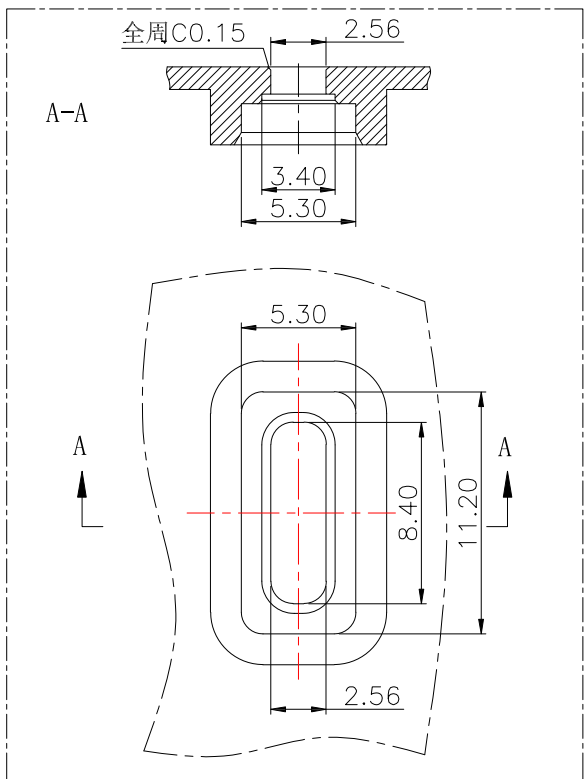
A B C D E F G H I J



IP68



外壳参考设计图



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

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:	DATE	MAT'L		TITLE	CONNECTOR
Jack Lu	06/08/23				
CHECKED BY:	DATE	FINISH		MODLE	USB C TYPE 180 度 SMT 2.0 Female H7.76防水型
Jacky Chen	06/08/23				
APPROVED BY:	DATE	SCALE	1 : 1	DWG NO.	SBC-WP160VS4-20x-S410
Tony Kao	06/08/23				
		SHEET NO.	2 of 2	PART NO.	SBC-WP160VS4-20x-S410

3	新增PCB LAYOUT尺寸	Jack	060823
2	新增零件底部pin編號標示	Jack	060623
1	新增組裝示意圖	Jack	060123
ITEM NO.	DESCRIPTION	DRAWN	DATE