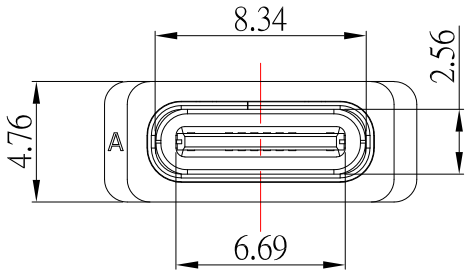
IP67

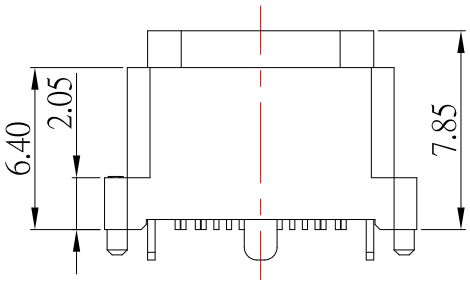
RoHS Compliant

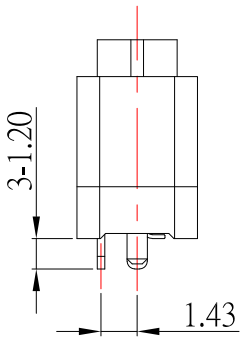
SBC-WP160VS5-20x-S410

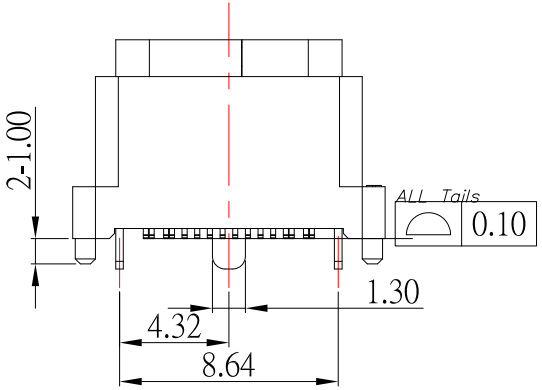
鍍層厚度 :

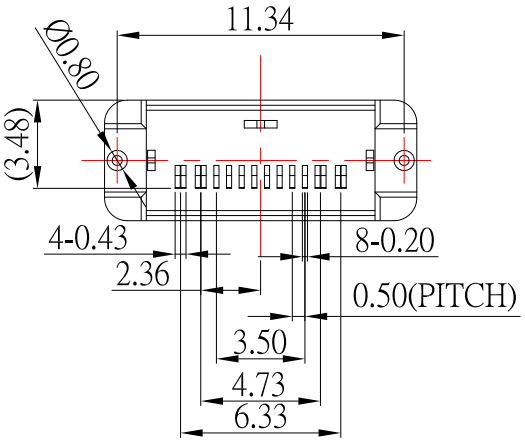
Blank : 1u"
2 : 15u"
3 : 30u"

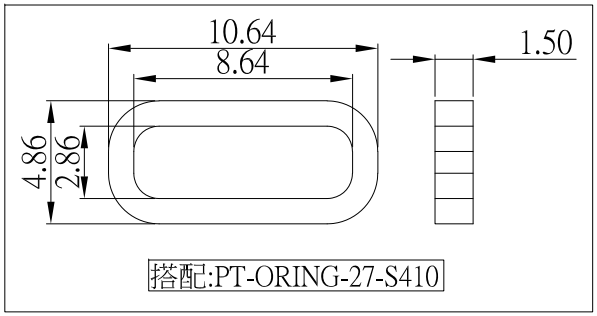


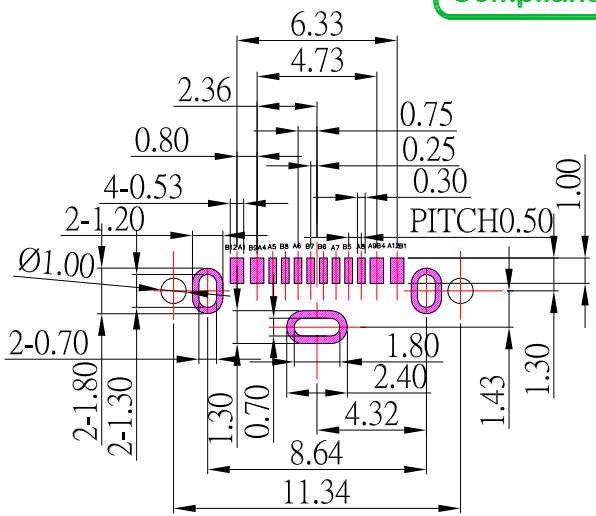












RECOMMENDED PCB LAYOUT
(TOP VIEW)

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

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

ITEM NO.	DESCRIPTION	DRAWN	DATE
1	新增尺寸	Jack	091125

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

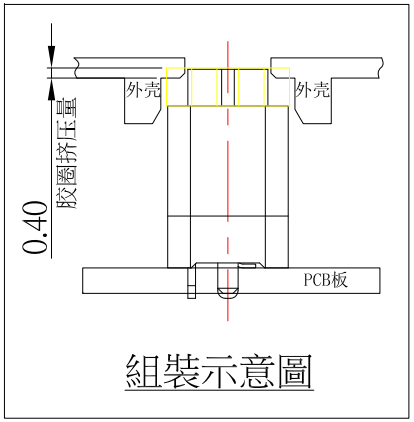
3RD. ANGEL'S | UNITS MM

DRAWN BY: Jack Lu	DATE 09/11/25	MAT'L	
CHECKED BY: Jacky Chen	DATE 09/11/25	FINISH	
APPROVED BY: Tony Kao	DATE 09/11/25	SCALE	1 : 1
		SHEET NO.	1 of 2

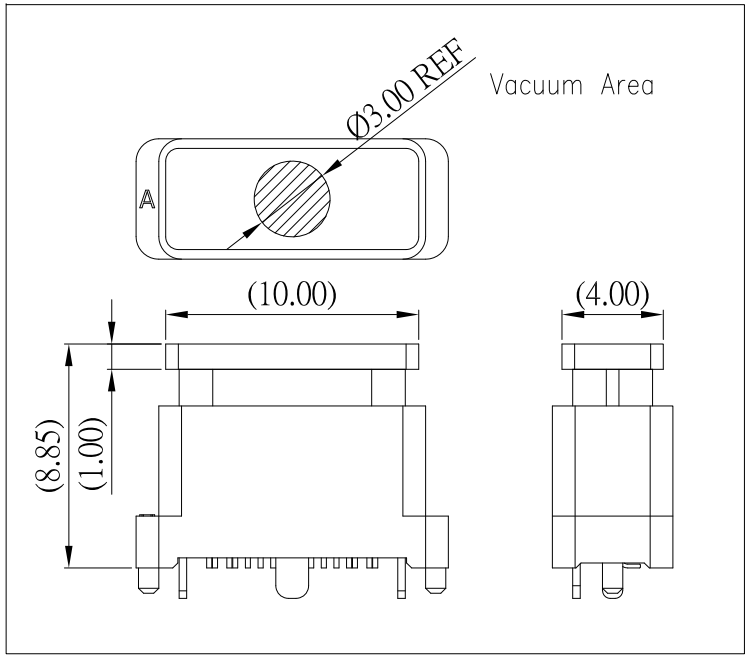
TITLE	CONNECTOR		
MODLE	USB C TYPE 180 度 SMT 2.0 Female H7.85防水型		
DWG NO.	SBC-WP160VS5-20x-S410	SIZE	A4
PART NO.	SBC-WP160VS5-20x-S410	VER	R1

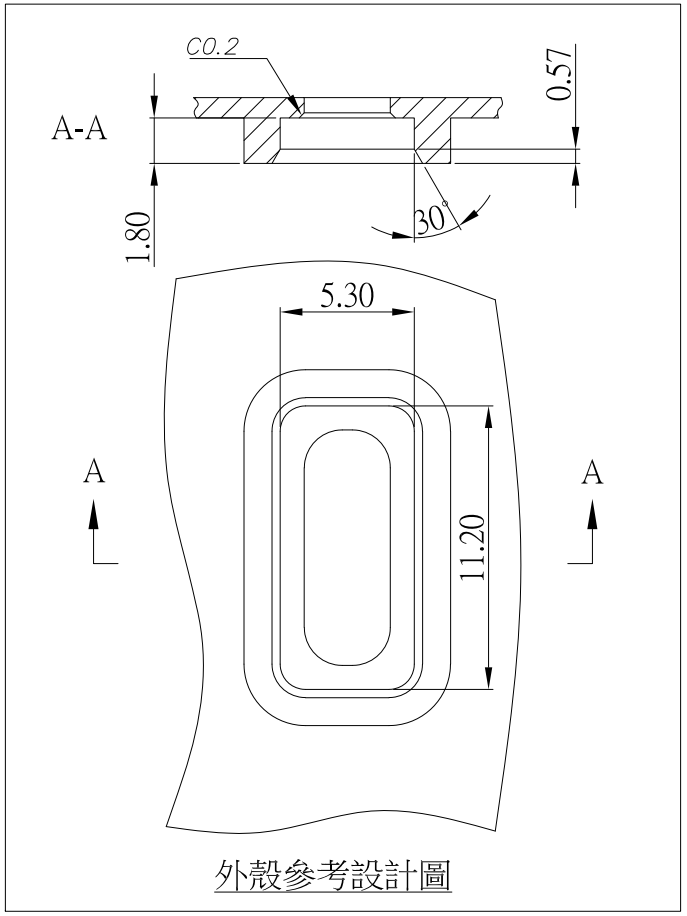
IP67

RoHS Compliant



組裝示意圖





外殼參考設計圖

				CONTACT 建倚科技股份有限公司 CONTACT TECHNOLOGY CORP.				DRAWN BY: Jack Lu	DATE 09/11/25	MAT'L		TITLE	CONNECTOR				
								CHECKED BY: Jacky Chen	DATE 09/11/25	FINISH		MODLE	USB C TYPE 180 度 SMT 2.0 Female H7.85防水型				
				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	APPROVED BY: Tony Kao	DATE 09/11/25	SCALE	1 : 1	DWG NO.	SBC-WP160VS5-20x-S410	SIZE	A4
1	新增尺寸	Jack	091125													SHEET NO.	1 of 2	PART NO.	SBC-WP160VS5-20x-S410	VER	R1
ITEM NO.	DESCRIPTION	DRAWN	DATE																		