

IP67



SBC-WP240M1-31x-S338

鍍層厚度:

Blank : 1u"

2 : 15u"

3 : 30u"

SPECIFICATIONS**Electrical:**

1. Rating: 5.0A(VBUS&GND),0.25A(Other Pin)
- 2.Contact Resistance: 40 mΩ Max
- 3.Insulation Resistance: 100 MΩ Min
- 4.Dielectric Withstanding Voltage: 100V AC

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,UL 94V-0
- 2.Contact: Copper Alloy
- 3.Shell: SUS
- 4.Glue Water: Epoxy

Finish:

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

SECTION A-A

Detail 1

P.C.B LAYOUT MOUNTING PATTERN

Pin	Signal Name	Mating Sequence	Pin	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	SSTXp1	Second	B11	SSRXp1	Second
A3	SSTXn1	Second	B10	SSRXn1	Second
A4	V _{bus}	First	B9	V _{bus}	First
A5	CC1	Second	B8	SBU2	Second
A6	Dp1	Second	B7	Dn2	Second
A7	Dn1	Second	B6	Dp2	Second
A8	SBU1	Second	B5	CC2	Second
A9	V _{bus}	First	B4	V _{bus}	First
A10	SSRXn2	Second	B3	SSTXn2	Second
A11	SSRXp2	Second	B2	SSTXp2	Second
A12	GND	First	B1	GND	First
SHELL	GND		SHELL	GND	

CONTACT建倚科技股份有限公司
CONTACT TECHNOLOGY CORP.TOLERANCE UNLESS
OTHERWISE STATED:Up to 5
Above 5 ~ 15
Above 15 ~ 30
Above 30 ~ 50
Angle3RD.
ANGEL'S

UNITS

MM

DRAWN BY:	DATE
Jack Lu	06/03/21
CHECKED BY:	DATE
Jacky Chen	06/03/21
APPROVED BY:	DATE
Tony Kao	06/03/21

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

TITLE	CONNECTOR
MODLE	USB 3.1 TYPE C 沉板式防水型 IP67
DWG NO.	SBC-WP240M1-31x-S338
PART NO.	SBC-WP240M1-31x-S338

SIZE
A4
VER
R4

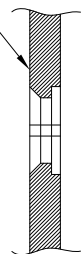
ITEM NO	DESCRIPTION	DRAWN	DATE
4	新增防水膠圈料號	Jack	060321
3	更新防水等級	Jack	062519
2	更新為AO版	Jack	110117
1	更新防水等級	Jack	090717

建議密封方式

IP67

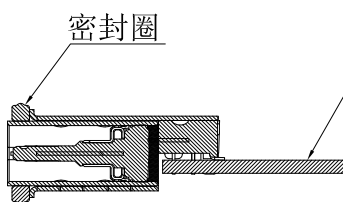


機殼面板

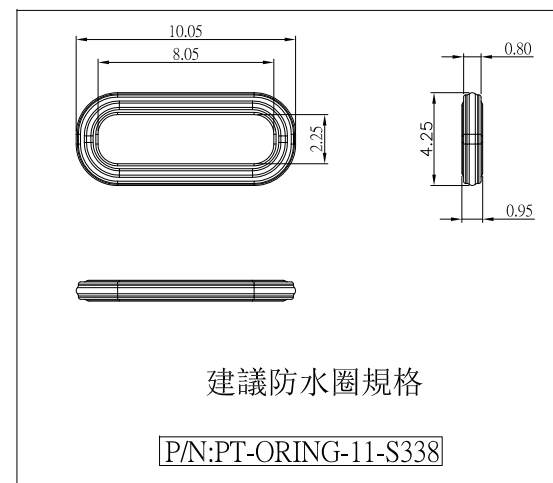


密封圈

PCB板



前後組裝方式



建議防水圈規格

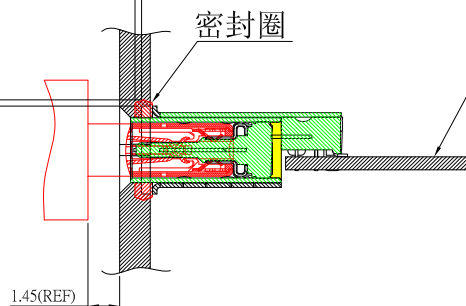
P/N:PT-ORING-11-S338

機殼面板對密封圈與縮量0.30Min
(建議壓縮量為密封圈直徑大小40~50%)

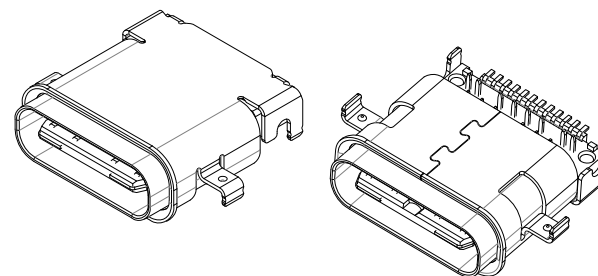
機殼面板對密封圈與縮量0.30Min
(建議壓縮量為密封圈直徑大小40~50%)

密封圈

PCB板



組裝面板後公母頭對插示意圖



				CONTACT 建倚科技股份有限公司				DRAWN BY:	DATE	MATL		TITLE	CONNECTOR
				CONTACT TECHNOLOGY CORP.				Jack Lu	06/03/21			MODLE	USB 3.1 TYPE C 沉板式防水型 IP67
								CHECKED BY:	DATE	FINISH		SCALE	1 : 1
								Jacky Chen	06/03/21			DWG NO.	SBC-WP240M1-31x-S338
								APPROVED BY:	DATE	SHEET NO.	2 of 2	PART NO.	SBC-WP240M1-31x-S338
								Tony Kao	06/03/21				SIZE
													A4
													VER
													R4

4	新增防水膠圈料號	Jack	060321
3	更新防水等級	Jack	062519
2	更新為A0版	Jack	110117
1	更新防水等級	Jack	090717
ITEM NO.	DESCRIPTION	DRAWN	DATE

TOLERANCE UNLESS OTHERWISE STATED :	Up to 5 ± 0.2	3RD. ANGEL'S	UNITS	MM
	Above 5 ~ 15 ± 0.3			
	Above 15 ~ 30 ± 0.4			
	Above 30 ~ 50 ± 0.5			
	Angle ± 0.3°			