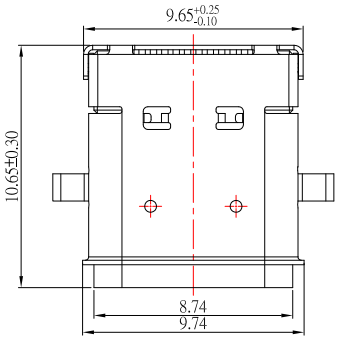
IPX7

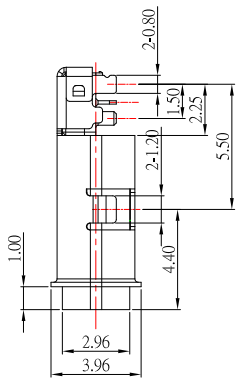
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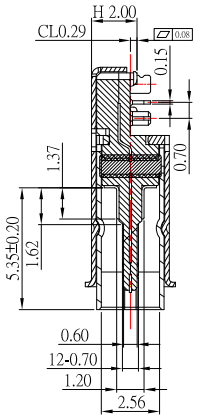
SBC-WP240M2-31x-S382

鍍層厚度 :

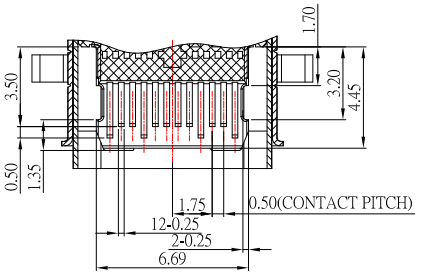
Blank : 1u"
2 : 15u"
3 : 30u"



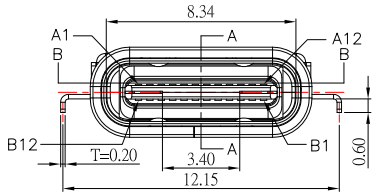


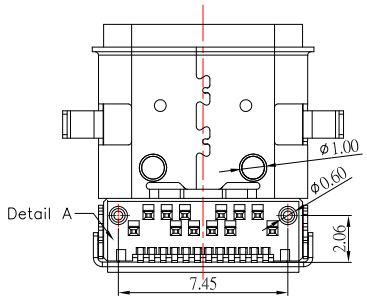


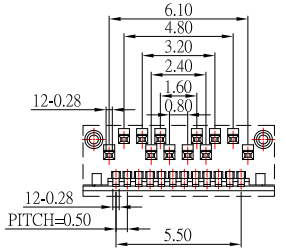
SECTION A–A



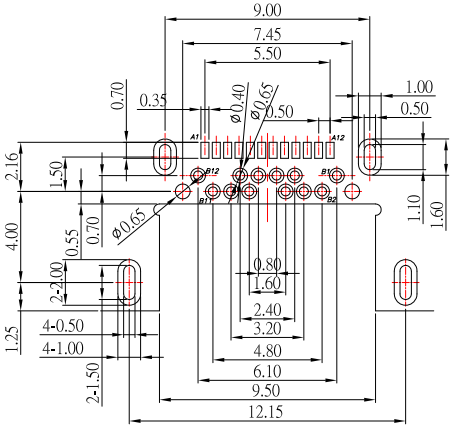
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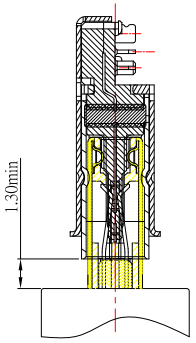




Detail A



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

SPECIFICATIONS

Electrical:

1. Rating: 5.0A(VBUS),1.25A(Vconn 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
2. Contact: C18400
3. Inner Shell: 17-4PH
4. Outside Shell: SUS

Finish:

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

ITEM NO.	DESCRIPTION	DRAWN	DATE
5	更新樣式	Jack	033023
4	更新樣式	Jack	032023
3	更新材質	Jack	031723
2	新增防水膠圈料號	Jack	060321
1	新增IPX7標示	Jack	030618

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; Angle ±0.3°

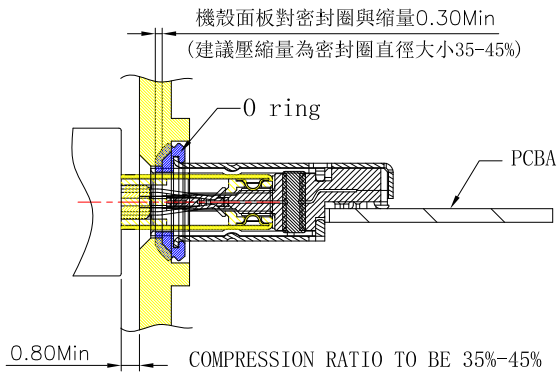
3RD. ANGEL'S | UNITS MM

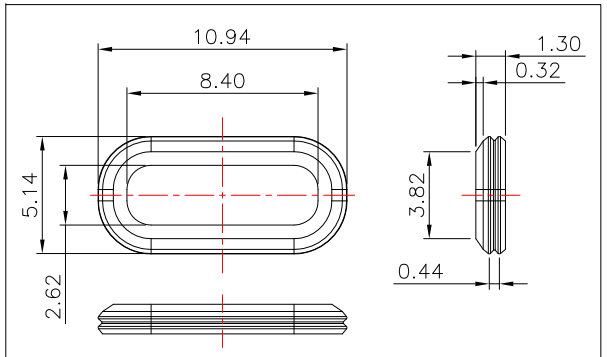
DRAWN BY: Jack Lu	DATE 03/30/23	MAT'L	
CHECKED BY: Jacky Chen	DATE 03/30/23	FINISH	
APPROVED BY: Tony Kao	DATE 03/30/23	SCALE 1 : 1	SHEET NO. 1 of 2

TITLE	CONNECTOR		
MODLE	USB 3.1 TYPE C 沉板式防水型 IPX7		
DWG NO.	SBC-WP240M2-31x-S382	SIZE	A4
PART NO.	SBC-WP240M2-31x-S382	VER	R5

IPX7

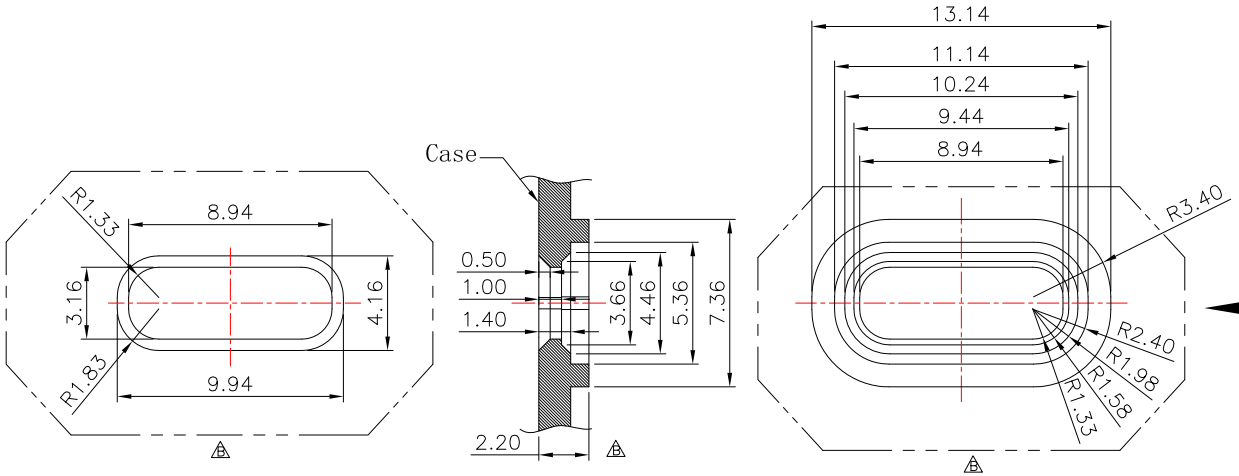
RoHS Compliant



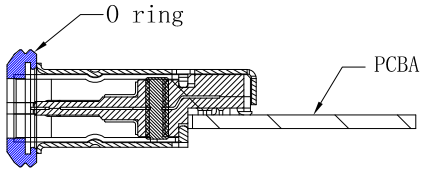


建議防水圈規格

P/N:PT-ORING-7-S382



RECOMMENDED OPEN DIMENISION OF CASE
TOLERANCE: ±0.03mm
MATTING AREA WITH SEALING RING



Assembly direction

ITEM NO.	DESCRIPTION	DRAWN	DATE
5	更新樣式	Jack	033023
4	更新樣式	Jack	032023
3	更新材質	Jack	031723
2	新增防水膠圈料號	Jack	060321
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3RD. ANGEL'S | UNITS MM

DRAWN BY: Jack Lu	DATE 03/30/23	MAT'L	
CHECKED BY: Jacky Chen	DATE 03/30/23	FINISH	
APPROVED BY: Tony Kao	DATE 03/30/23	SCALE 1 : 1	SHEET NO. 2 of 2

TITLE	CONNECTOR		
MODLE	USB 3.1 TYPE C 沉板式防水型 IPX7		
DWG NO.	SBC-WP240M2-31x-S382	SIZE	A4
PART NO.	SBC-WP240M2-31x-S382	VER	R4