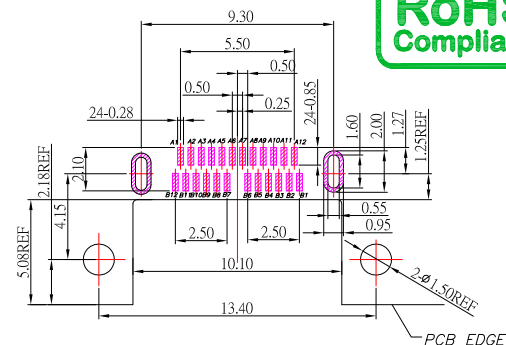
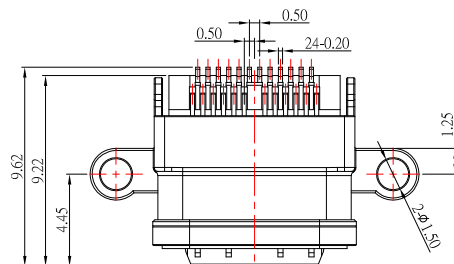
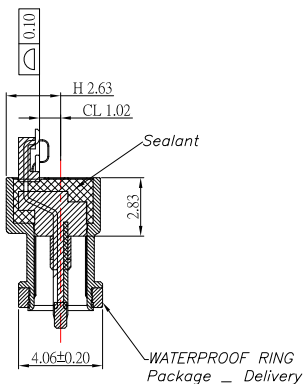
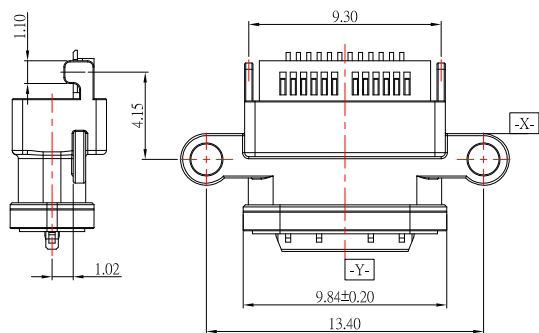
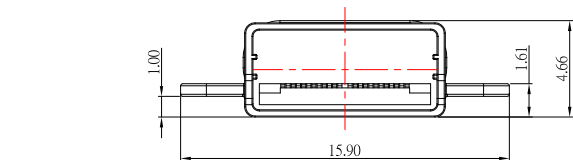




SBC-WP240M4-31x-S338

鍍層厚度:

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



P.C.B LAYOUT MOUNTING PATTERN

SPECIFICATIONS

Electrical:

- Rating: 3.0A , 5.0V
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC

Mechanical:

- Connector Mate and Unmate Force
 - Mate force: 5~20 N
 - Unmate force: 8~20 N

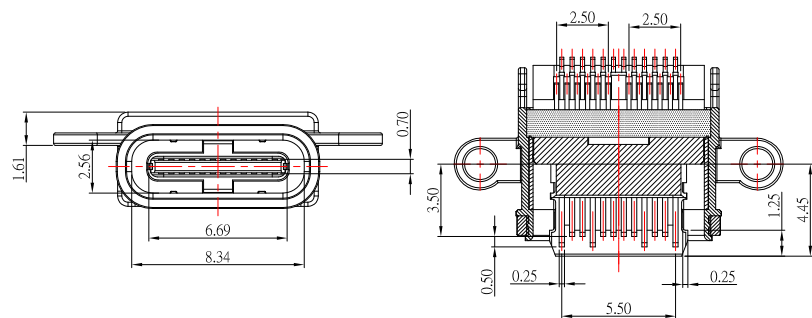
Material:

- Housing: PA9T
- 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

USB TYPE-C FULL-FEATURED RECEPTACLE INTERFACE PIN ASSIGNMENTS					
PIN	Signal Name	Description	PIN	Signal Name	Description
A1	GND	Ground return	B12	GND	Ground return
A2	SSTxp1	Positive half of first SuperSpeed TX differential pair	B11	SSRxp1	Positive half of first SuperSpeed RX differential pair
A3	SSTxm1	Negative half of first SuperSpeed TX differential pair	B10	SSRxm1	Negative half of first SuperSpeed RX differential pair
A4	Ves	Bus Power	B9	VRBS	Bus Power
A5	CC1	Configuration Channel	B8	SRU2	Sideband Use (SRU)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dn2	Negative half of the USB 2.0 differential pair-Position 2
A7	Dn1	Negative half of the USB 2.0 differential pair-Position 1	B6	Dp2	Positive half of the USB 2.0 differential pair-Position 2
A8	SRU1	Sideband Use (SRU)	B5	CC2	Configuration Channel
A9	VRBS	Bus Power	B4	VRBS	Bus Power
A10	SSRxm2	Negative half of second SuperSpeed RX differential pair	B3	SSTxm2	Negative half of second SuperSpeed TX differential pair
A11	SSRxp2	Positive half of second SuperSpeed RX differential pair	B2	SSTxp2	Positive half of second SuperSpeed TX differential pair
A12	GND	Ground return	B1	GND	Ground return



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DONG GUAN GAO DI ELECTRONICS CO., LTD

TOLERANCE UNLESS OTHERWISE STATED:

Up to 5
Above 5 ~ 15
Above 15 ~ 30
Above 30 ~ 50
Angle

3RD.
ANGEL'S



UNITS

MM

DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	12/08/23	FINISH	MODLE	USB 3.1 TYPE C 沉板式防水型 CL1.02
CHECKED BY:	DATE	SCALE	DWG NO.	SBC-WP240M4-31x-S338
Jacky Chen	12/08/23	1 : 1	PART NO.	SBC-WP240M4-31x-S338
APPROVED BY:	DATE	SHEET NO.	1 of 2	
Tony Kao	12/08/23			

ITEM NO	DESCRIPTION	DRAWN	DATE
3	更新材質	Jack	120823
2	更新PCB LAYOUT尺寸	Jack	032322
1	新增PCB LAYOUT尺寸和O-RING	Jack	032222

Shell panel

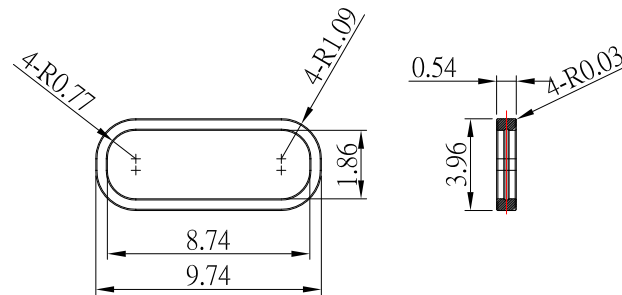
seal ring

PCB

Front and rear assembly mode

Shell panel to seal ring
and reduction 0.55min
(recommended compression
is 40-50% of seal ring
diameter)

Shell panel to seal ring and reduction 0.55min
(recommended compression is
40-50% of seal ring diameter)



P/N:PT-ORING-20-S338



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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
Angle ±0.3°

3RD.
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 12/08/23
DATE: 12/08/23
DATE: 12/08/23

MAT'L	TITLE	CONNECTOR
FINISH	MODLE	USB 3.1 TYPE C 沉板式防水型 CL1.02
SCALE	DWG NO.	SBC-WP240M4-31x-S338
SHEET NO.	PART NO.	SBC-WP240M4-31x-S338

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