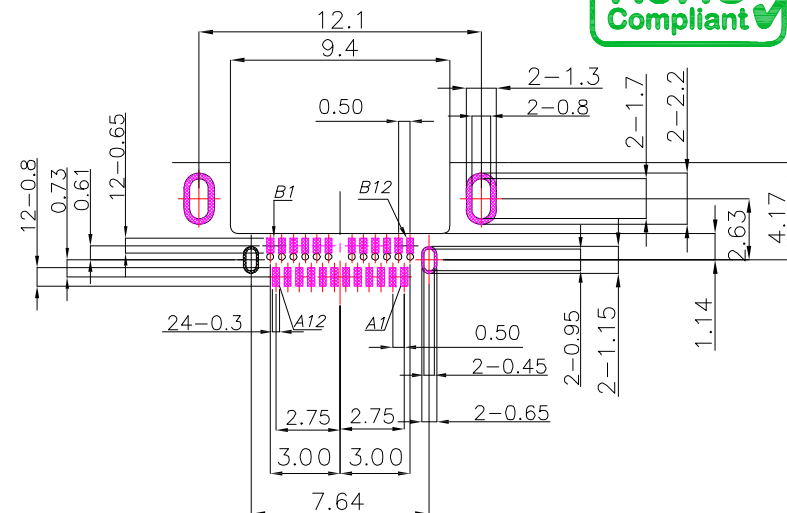
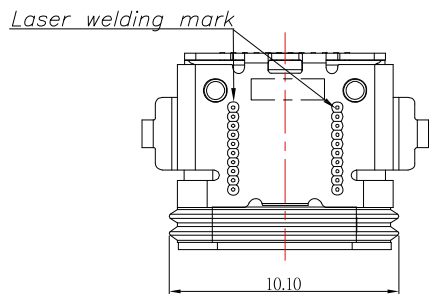




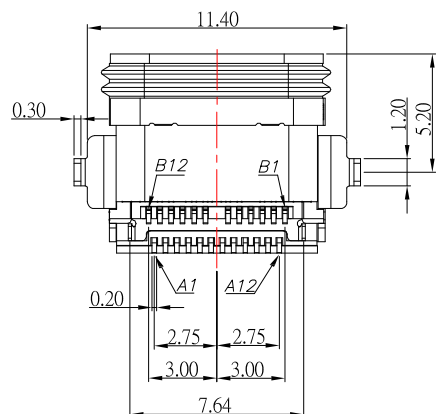
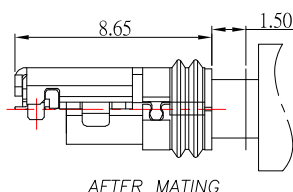
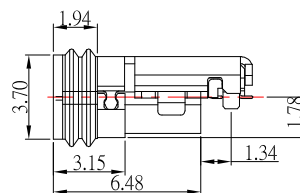
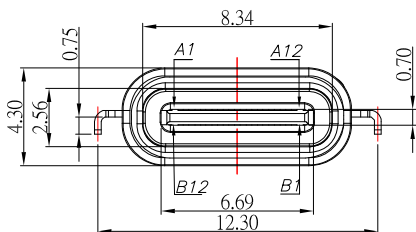
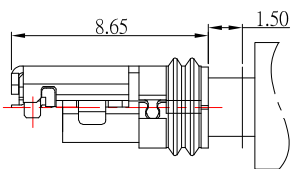
# SBC-WP240M5-31x-S338

鍍層厚度:

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



P.C.B LAYOUT MOUNTING PATTERN



## SPECIFICATIONS

### Electrical:

- Rating: 3.0A , 20V DC
- 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: LCP
- 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	SSTxn1	Negative half of first SuperSpeed TX differential pair	B10	SSRXn1	Negative half of first SuperSpeed RX differential pair
A4	Vbus	Bus Power	B9	Vbus	Bus Power
A5	CC1	Configuration Channel	B8	SRB2	Sidband Use (SRB)
A6	Dp1	Positive half of the USB 2.0 differential pair-Position 1	B7	Dm2	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	SRB1	Sidband Use (SRB)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRXp2	Negative half of second SuperSpeed RX differential pair	B3	SSTXp2	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

**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  
 CHECKED BY: Jacky Chen  
 APPROVED BY: Tony Kao

DATE: 02/18/22  
 DATE: 02/18/22  
 DATE: 02/18/22

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB 3.1 TYPE C 沉板式防水型
SCALE	1 : 1	DWG NO.	SBC-WP240M5-31x-S338
SHEET NO.	1 of 1	PART NO.	SBC-WP240M5-31x-S338

SIZE: A4  
 VER: R

ITEM NO.	DESCRIPTION	DRAWN	DATE