

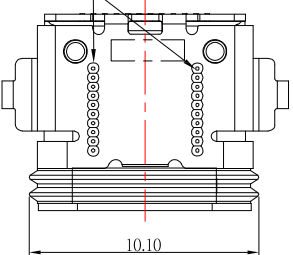


SBC-WP240M5-31x-S338

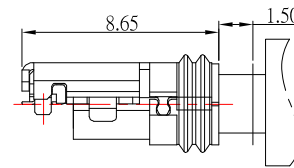
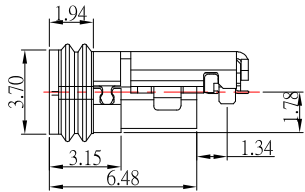
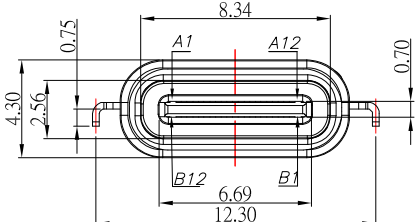
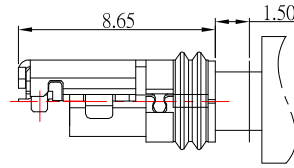
鍍層厚度:

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

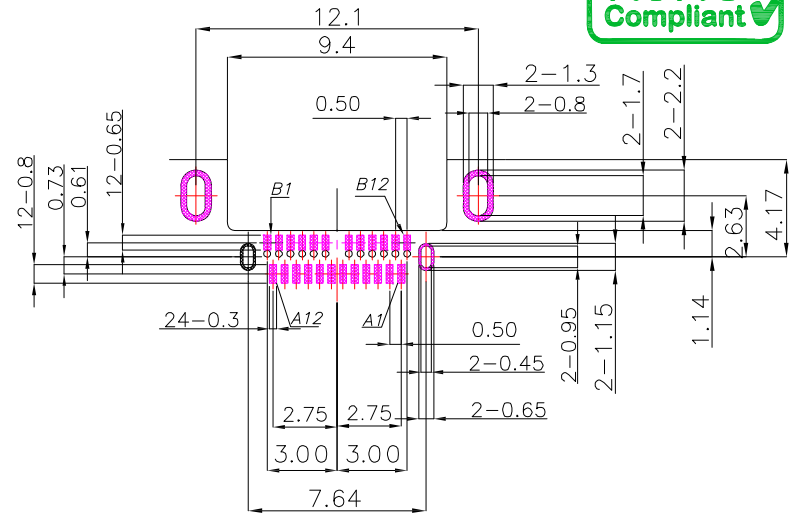
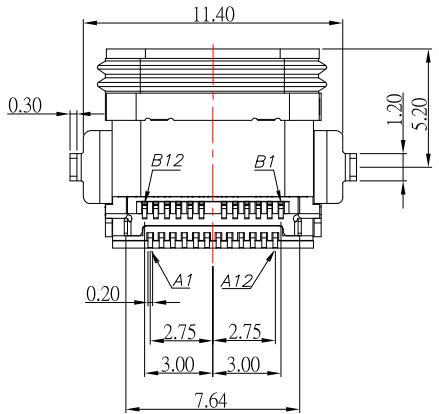
Laser welding mark



10.10



AFTER MATING



P.C.B LAYOUT MOUNTING PATTERN

SPECIFICATIONS

Electrical:

1. Rating: 3.0A , 20V DC
- 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: 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

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	SRM2	Sidband Use (SRM)
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	SBU1	Sidband Use (SRM)	B5	CC2	Configuration Channel
A9	Vbus	Bus Power	B4	Vbus	Bus Power
A10	SSRxm2	Negative half of second SuperSpeed RX differential pair	B3	SSTxm2	Positive half of second SuperSpeed TX differential pair
A11	SSRxq2	Positive half of second SuperSpeed RX differential pair	B2	SSTxm2	Negative 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

DATE

02/18/22

CHECKED BY:

Jacky Chen

DATE

02/18/22

APPROVED BY:

Tony Kao

DATE

02/18/22

MAT'L

FINISH

SCALE

1 : 1

TITLE

CONNECTOR

MODLE

USB 3.1 TYPE C 沉板式防水型

DWG NO.

SBC-WP240M5-31x-S338

PART NO.

SBC-WP240M5-31x-S338

SIZE

A4

VER

R

ITEM NO.	DESCRIPTION	DRAWN	DATE
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