

IPX7



SBC-WP240S1-31x-S382

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
- 2.Contact: C18400
- 3.Shell: SUS
- 4.O-ring: Silicone

Finish:

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

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	

P.C.B LAYOUT MOUNTING PATTERN

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: DATE

Jack Lu 09/23/21

CHECKED BY: DATE

Jacky Chen 09/23/21

APPROVED BY: DATE

Tony Kao 09/23/21

MATL

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

USB 3.1 TYPE C 防水型 板上式 H3.46 IPX7

SBC-WP240S1-31x-S382

SBC-WP240S1-31x-S382

SIZE

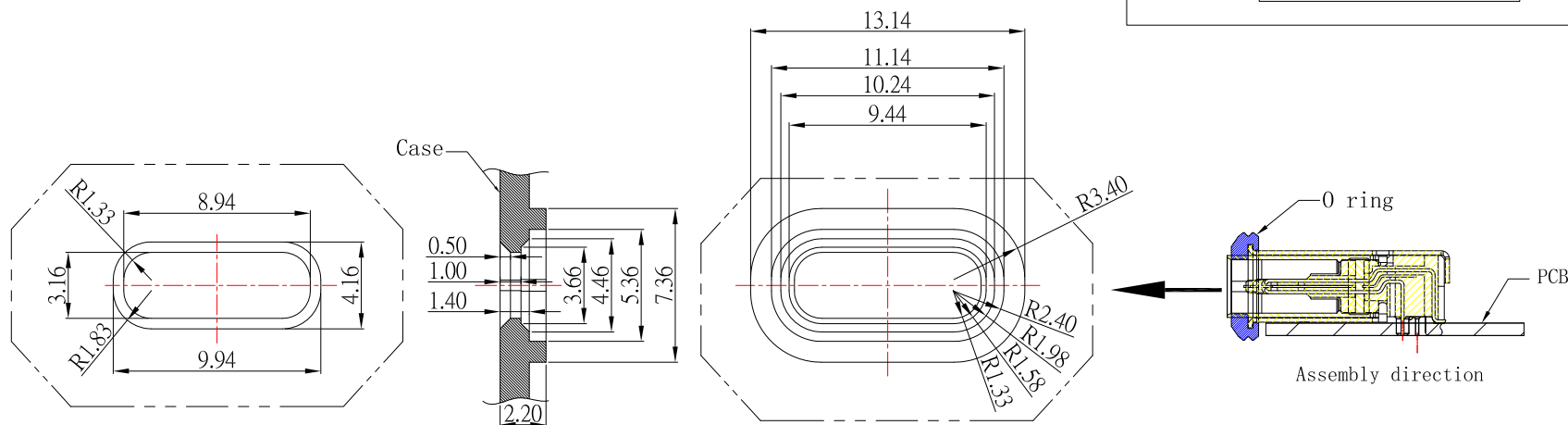
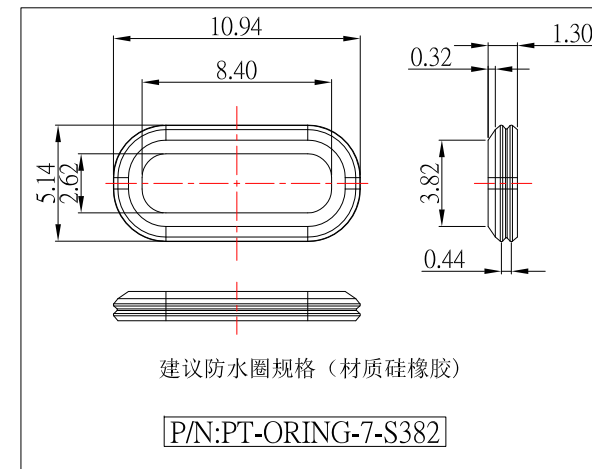
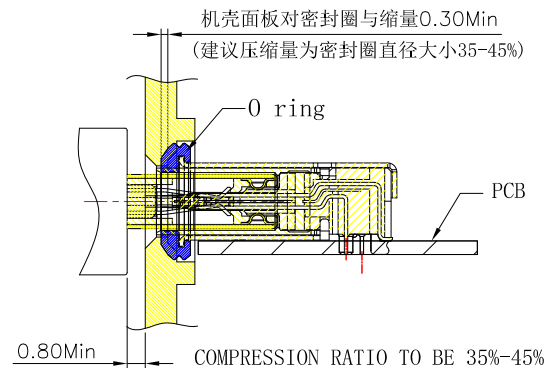
A4

VER

R4

ITEM NO	DESCRIPTION	DRAWN	DATE
4	更新材質	Jack	092321
3	更新圖面	Jack	082219
2	新增IPX7標示	Jack	030618
1	新增PIN標示	Jack	121917

IPX7



RECOMMENDED OPEN DIMENSION OF CASE



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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: 09/23/21
DATE: 09/23/21
DATE: 09/23/21

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

TITLE: CONNECTOR
MODLE: USB 3.1 TYPE C 防水型 板上式 H3.46 IPX7
DWG NO.: SBC-WP240S1-31x-S382
PART NO.: SBC-WP240S1-31x-S382

SIZE: A4
VER: R4

ITEM NO.	DESCRIPTION	DRAWN	DATE
4	更新材質	Jack	092321
3	更新圖面	Jack	082219
2	新增IPX7標示	Jack	030618
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