

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:

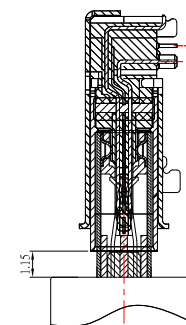
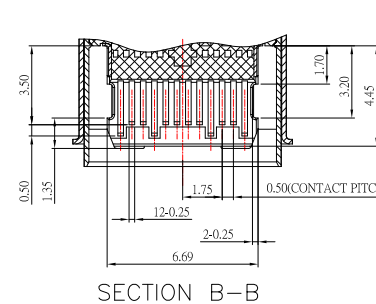
- 1.Connector Mate and Unmate Force
 - 1.1 Mate force: 5~20 N
 - 1.2 Unmate force: 8~20 N

Material:

- 1.Housing: High Temperature Plastic
- 2.Contact: Copper Alloy
- 3.Shell: SUS
- 4.Glue Water: Epoxy

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



东莞市高迪电子有限公司

Dong Guan KDRR Electronic Switch Jack 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
DATE: 08/22/19

CHECKED BY: Jacky Chen
DATE: 08/22/19

APPROVED BY: Tony Kao
DATE: 08/22/19

MAT'L

FINISH

SCALE

TITLE

MODLE

DWG NO.

CONNECTOR

SBC-WP240S1-31x-S382

PART NO.

SIZE

A4

VER

R3

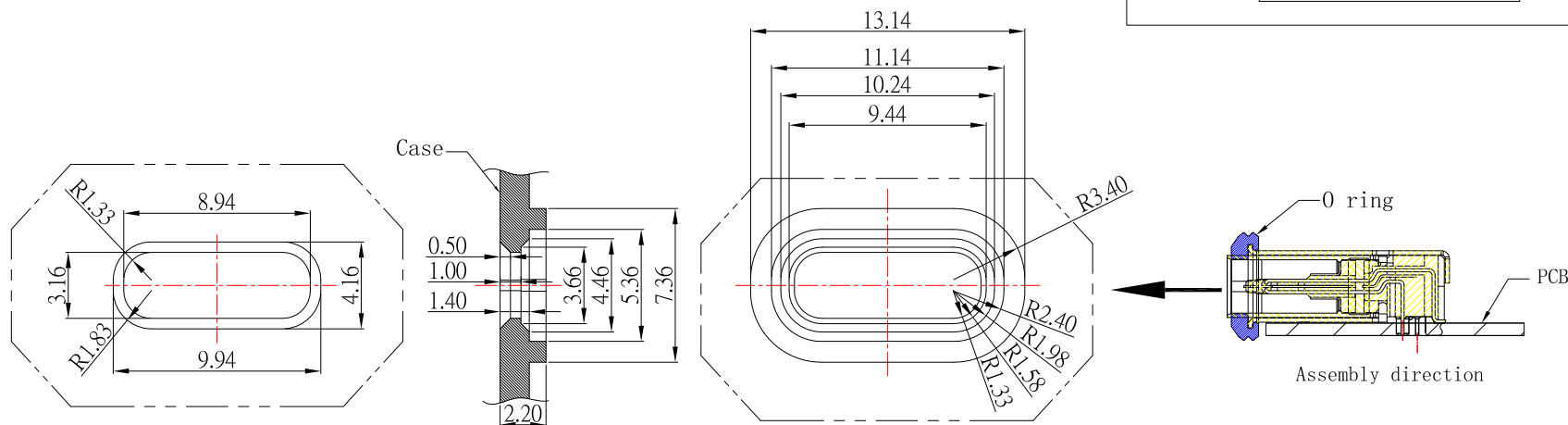
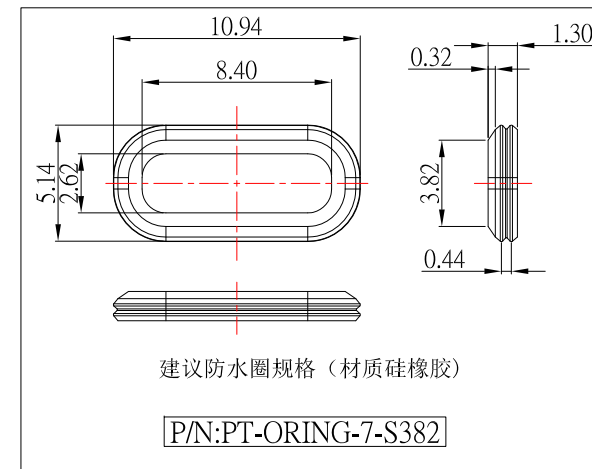
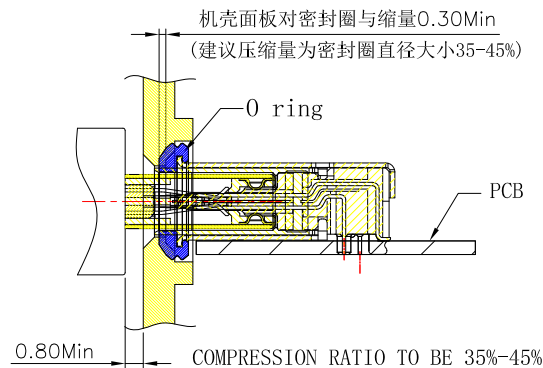
1 of 2

1 : 1

1 of 2

ITEM NO	DESCRIPTION	DRAWN	DATE
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:	DATE	MAT'L		TITLE	CONNECTOR
Jack Lu	08/22/19	FINISH		MODLE	USB 3.1 TYPE C 防水型 板上式 H3.46 IPX7
CHECKED BY:	DATE	SCALE	1 : 1	DWG NO.	SBC-WP240S1-31x-S382
Jacky Chen	08/22/19	SHEET NO.	2 of 2	PART NO.	SBC-WP240S1-31x-S382
APPROVED BY:	DATE				
Tony Kao	08/22/19				

3	更新圖面	Jack	082219
2	新增IPX7標示	Jack	030618
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