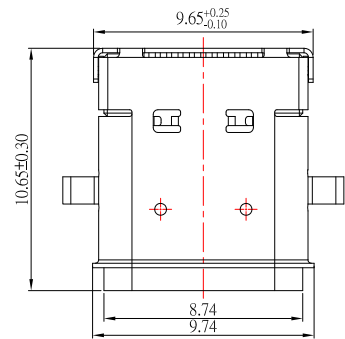
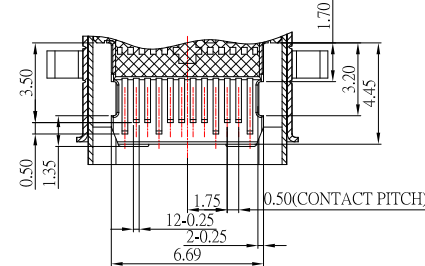
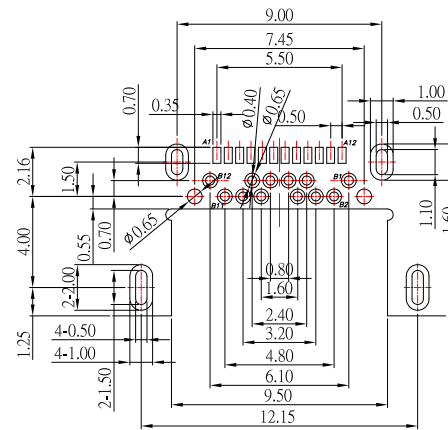
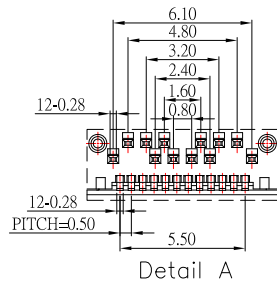
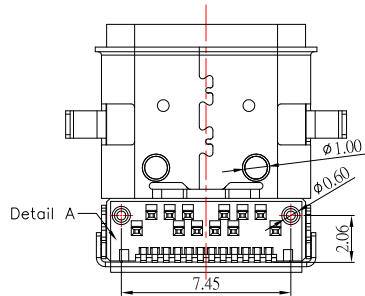
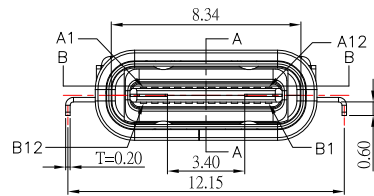


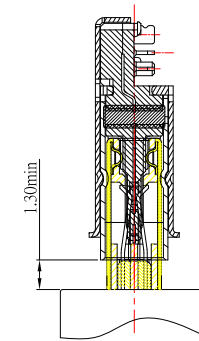
SECTION A-A



SECTION B-B



P.C.B LAYOUT MOUNTING PATTERN



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	

IPX7



SBC-WP240M2-31x-S382

鍍層厚度:

Blank : 1u"

2 : 15u"

3 : 30u"

SPECIFICATIONS

Electrical:

- Rating: 5.0A(VBUS),1.25A(Vconn Pin)
- 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: C18400
- Inner Shell: 17-4PH
- Outside Shell: SUS

Finish:

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



東莞市高迪電子有限公司
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: DATE

Jack Lu 03/30/23

CHECKED BY: DATE

Jacky Chen 03/30/23

APPROVED BY: DATE

Tony Kao 03/30/23

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

USB 3.1 TYPE C 沉板式防水型 IPX7

SBC-WP240M2-31x-S382

SBC-WP240M2-31x-S382

SIZE

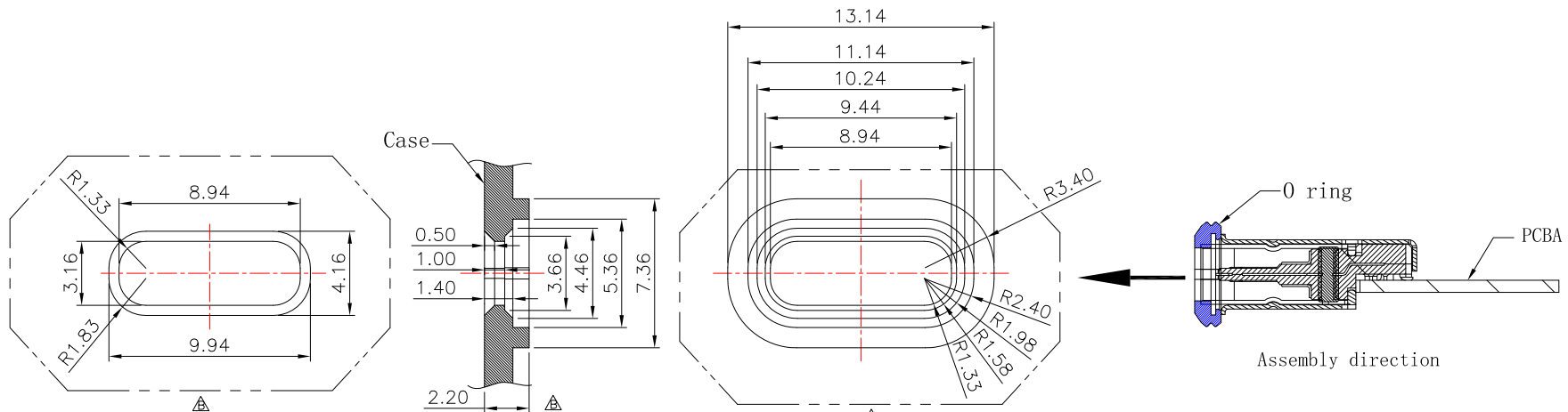
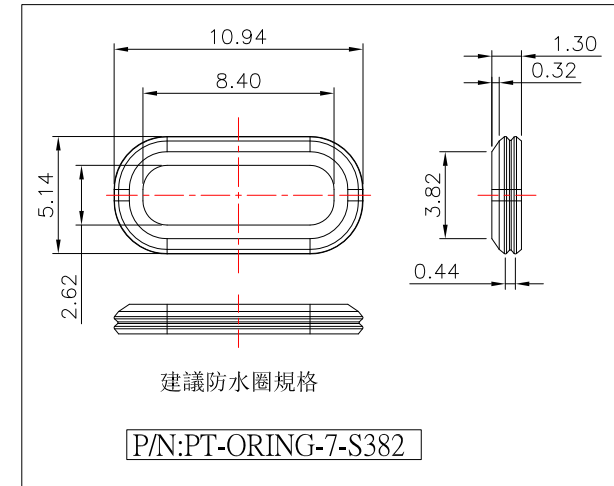
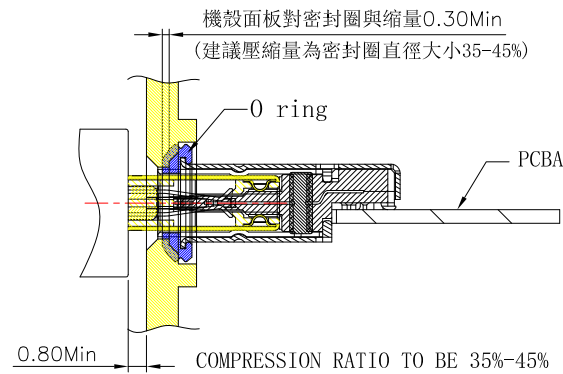
A4

VER

R5

ITEM NO	DESCRIPTION	DRAWN	DATE
5	更新樣式	Jack	033023
4	更新樣式	Jack	032023
3	更新材質	Jack	031723
2	新增防水膠圈料號	Jack	060321
1	新增IPX7標示	Jack	030618

IPX7



RECOMMENDED OPEN DIMENSION OF CASE
TOLERANCE: $\pm 0.03\text{mm}$
MATTING AREA WITH SEALING RING

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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 $\pm 0.3^\circ$

3RD.
ANGEL'S



UNITS

MM

DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 03/30/23
DATE: 03/30/23
DATE: 03/30/23

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB 3.1 TYPE C 沉板式防水型 IPX7
SCALE	1 : 1	DWG NO.	SBC-WP240M2-31x-S382
SHEET NO.	2 of 2	PART NO.	SBC-WP240M2-31x-S382

SIZE
A4
VER
R4