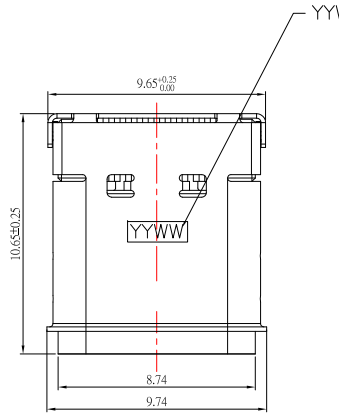
IPX7

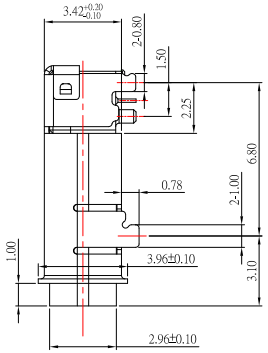
RoHS Compliant

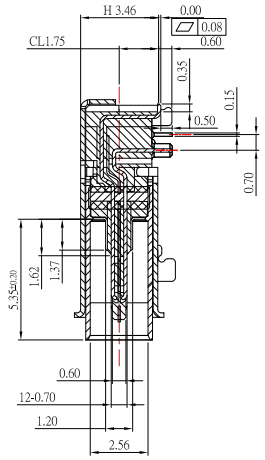
SBC-WP240S1-31x-S382

鍍層厚度 :

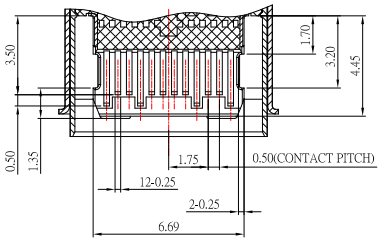
Blank : 1u"
2 : 15u"
3 : 30u"



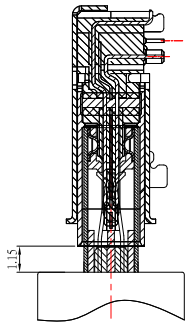


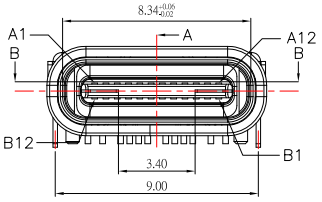


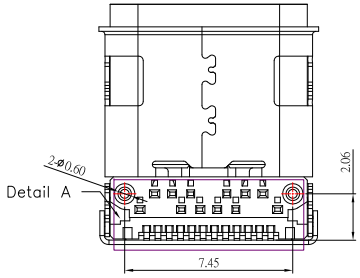
SECTION A—A

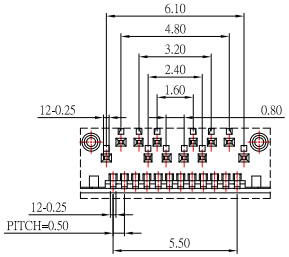


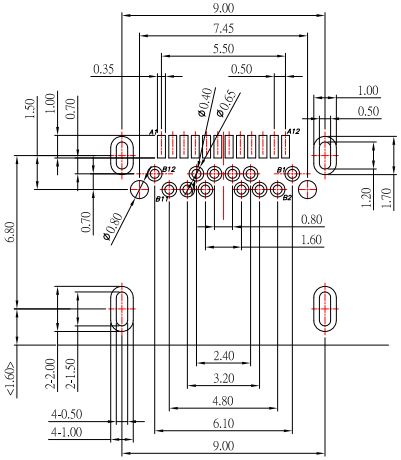
SECTION B—B











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

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

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

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°

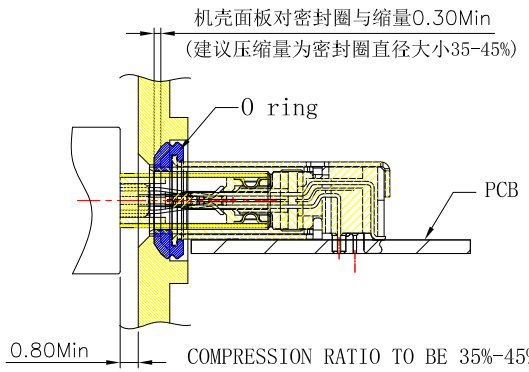
3RD. ANGEL'S | UNITS MM

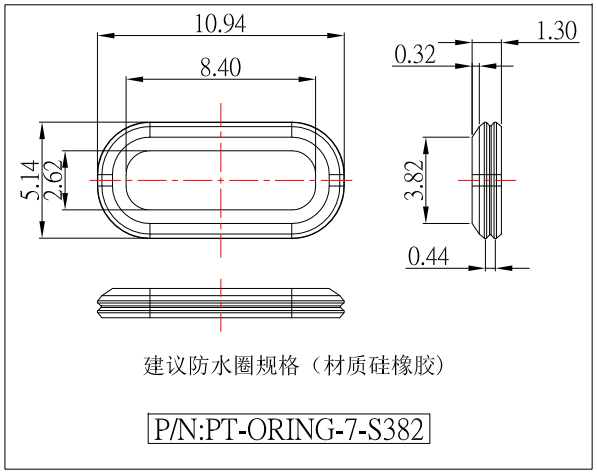
		DATE
DRAWN BY:	Jack Lu	09/23/21
CHECKED BY:	Jacky Chen	09/23/21
APPROVED BY:	Tony Kao	09/23/21

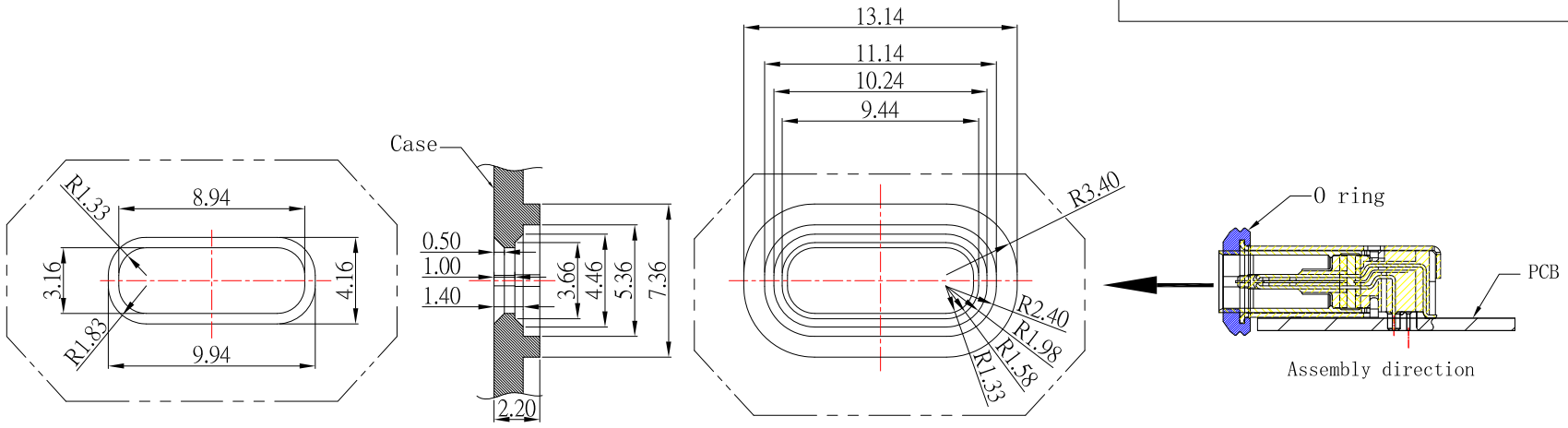
MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB 3.1 TYPE C 防水型 板上式 H3.46 IPX7
SCALE	1 : 1	DWG NO.	SBC-WP240S1-31x-S382 SIZE A4
SHEET NO.	1 of 2	PART NO.	SBC-WP240S1-31x-S382 VER R4

IPX7

RoHS Compliant







RECOMMENDED OPEN DIMENISION OF CASE

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

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

		DATE
DRAWN BY:	Jack Lu	09/23/21
CHECKED BY:	Jacky Chen	09/23/21
APPROVED BY:	Tony Kao	09/23/21

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	USB 3.1 TYPE C 防水型 板上式 H3.46 IPX7
SCALE	1 : 1	DWG NO.	SBC-WP240S1-31x-S382 SIZE A4
SHEET NO.	2 of 2	PART NO.	SBC-WP240S1-31x-S382 VER R4