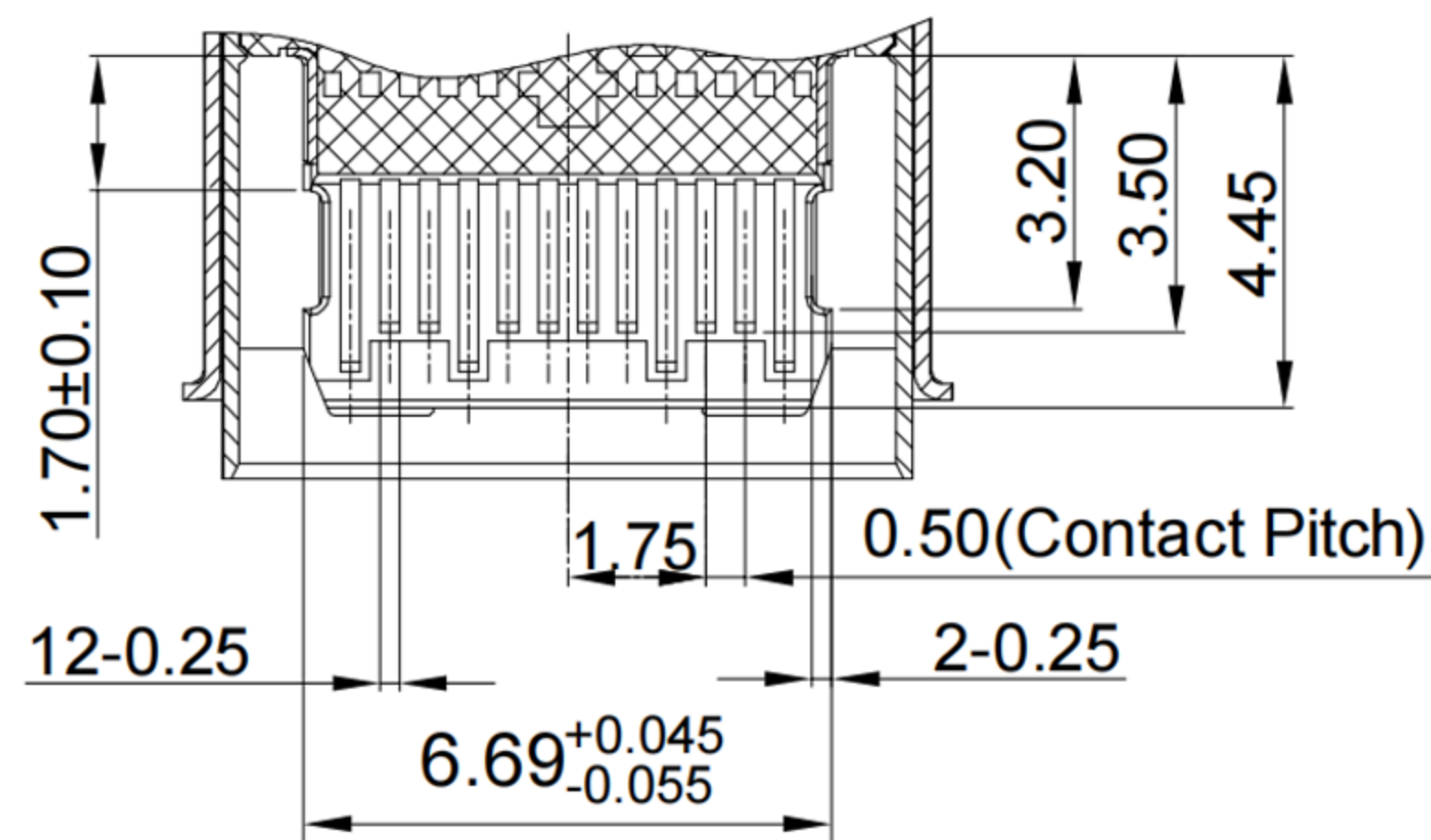
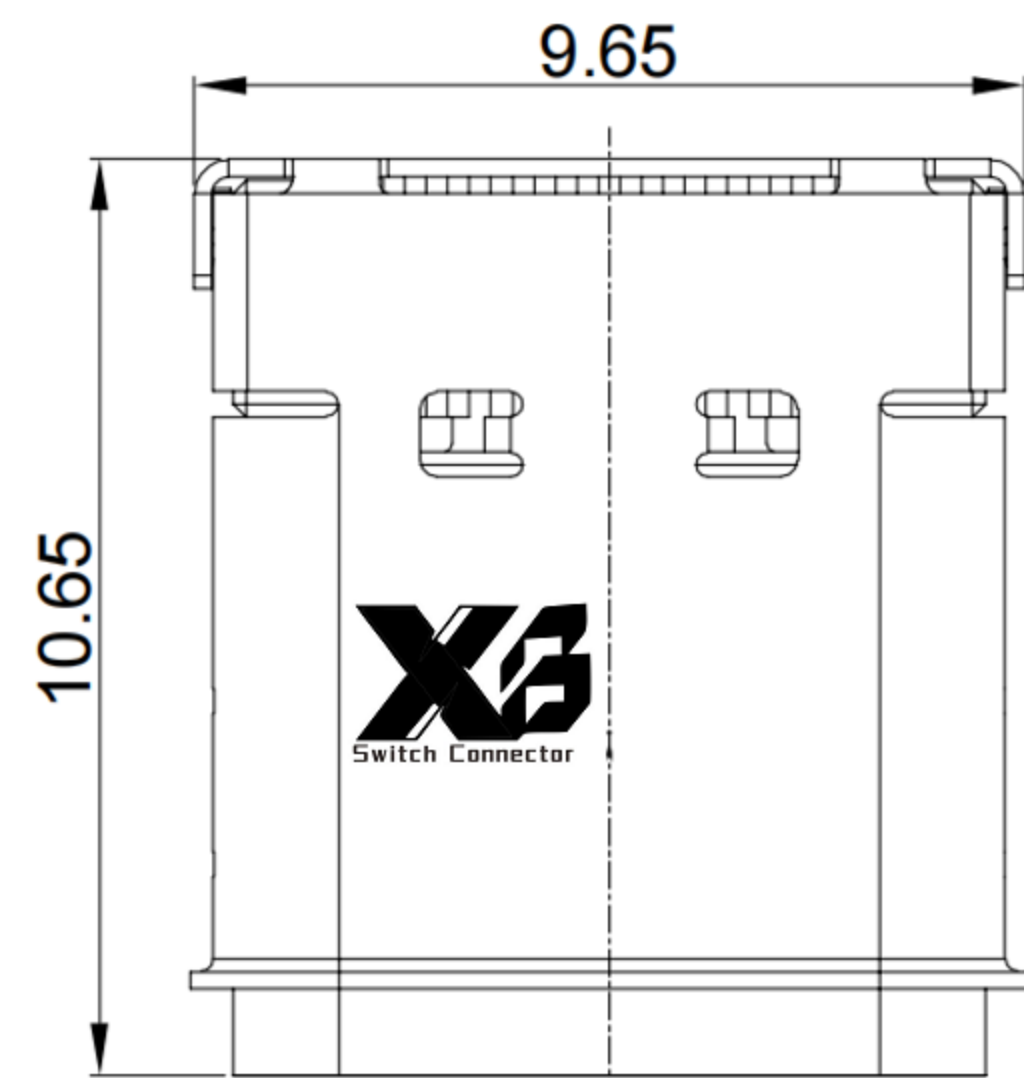
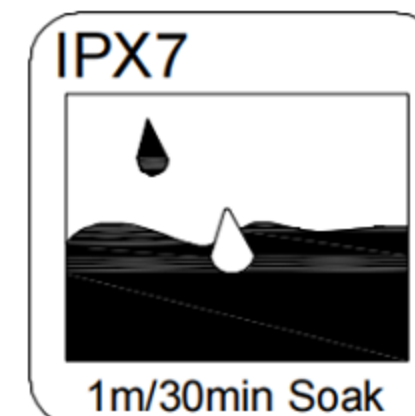




SECTION B-B



鍍層厚度:

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

IPX7



SPECIFICATIONS

Electrical:

- Rating: 5.0A (V BUS&GND), 0.25A (Other Pin)
- Voltage rating: 12V 24V AC
- Contact Resistance: 40 mΩ Max
- Insulation Resistance: 100 MΩ Min
- Dielectric Withstanding Voltage: 100V AC
- Operating temperature: -40° C ~ +85° C
- Waterproof grade: IP-X7
- Durability cycle: 10,000 cycles

Mechanical:

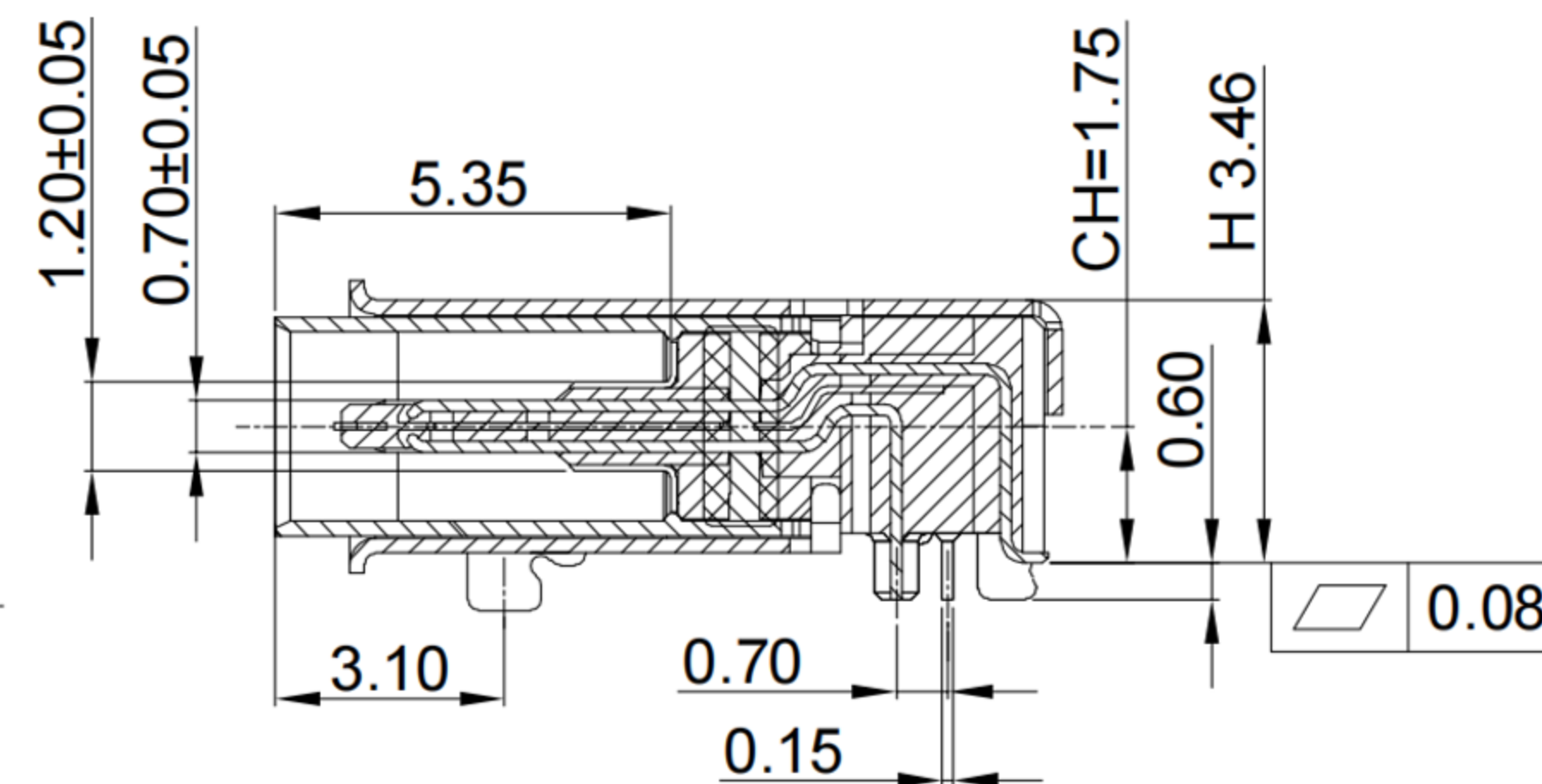
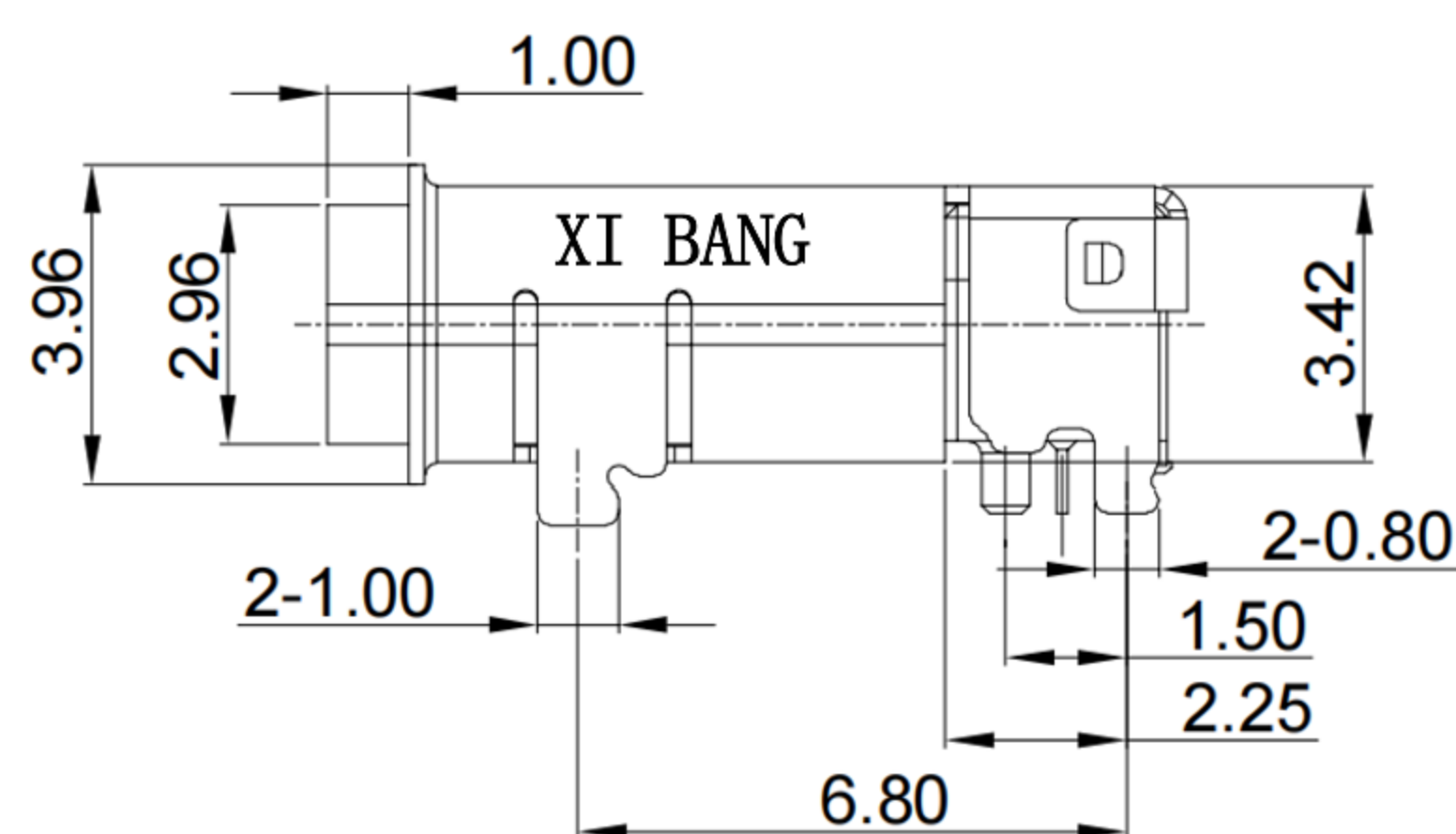
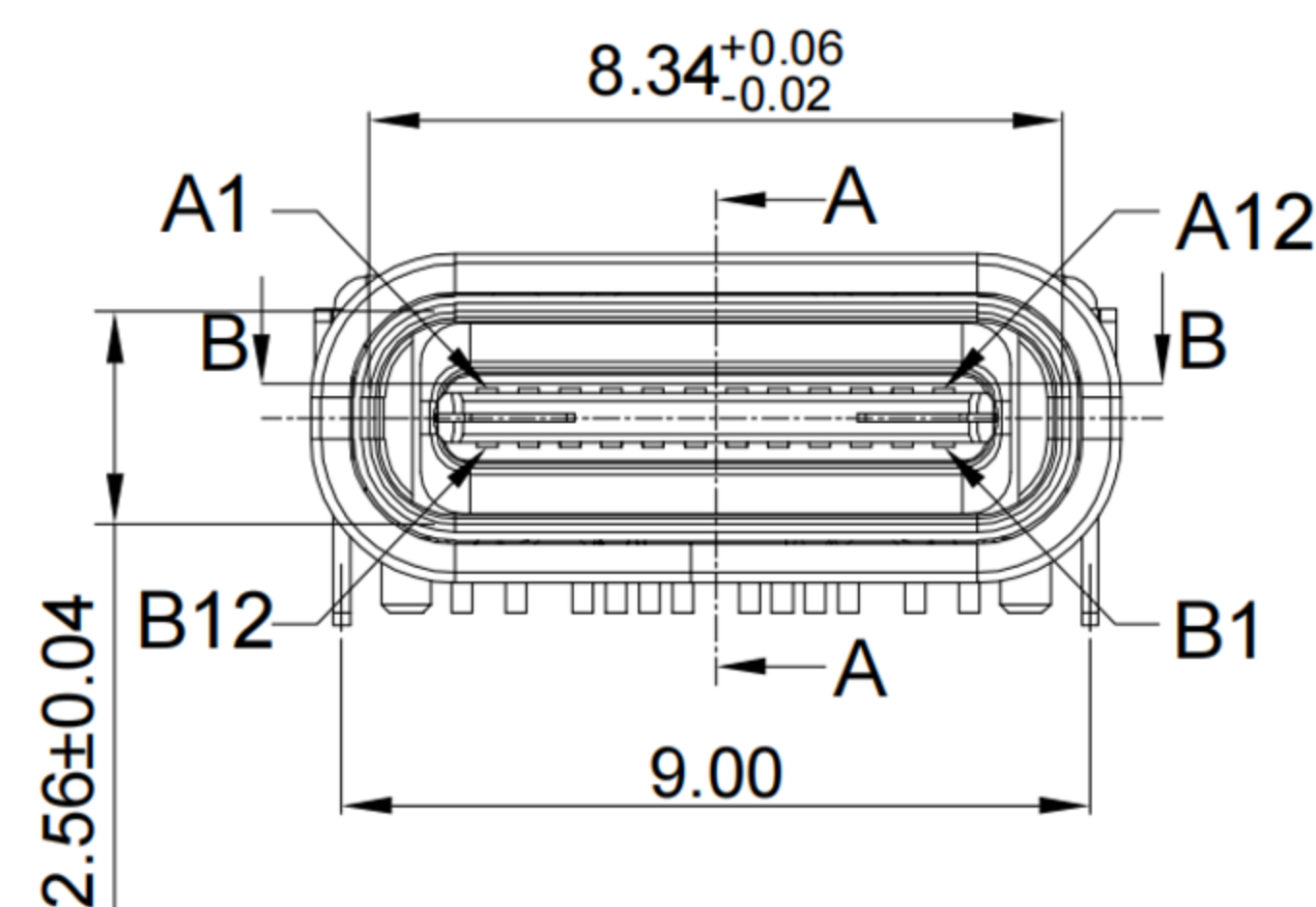
- Connector Mate and Unmate Force
 - Mate force: 5~20 N .
 - Unmate force: 8~20 N

Material:

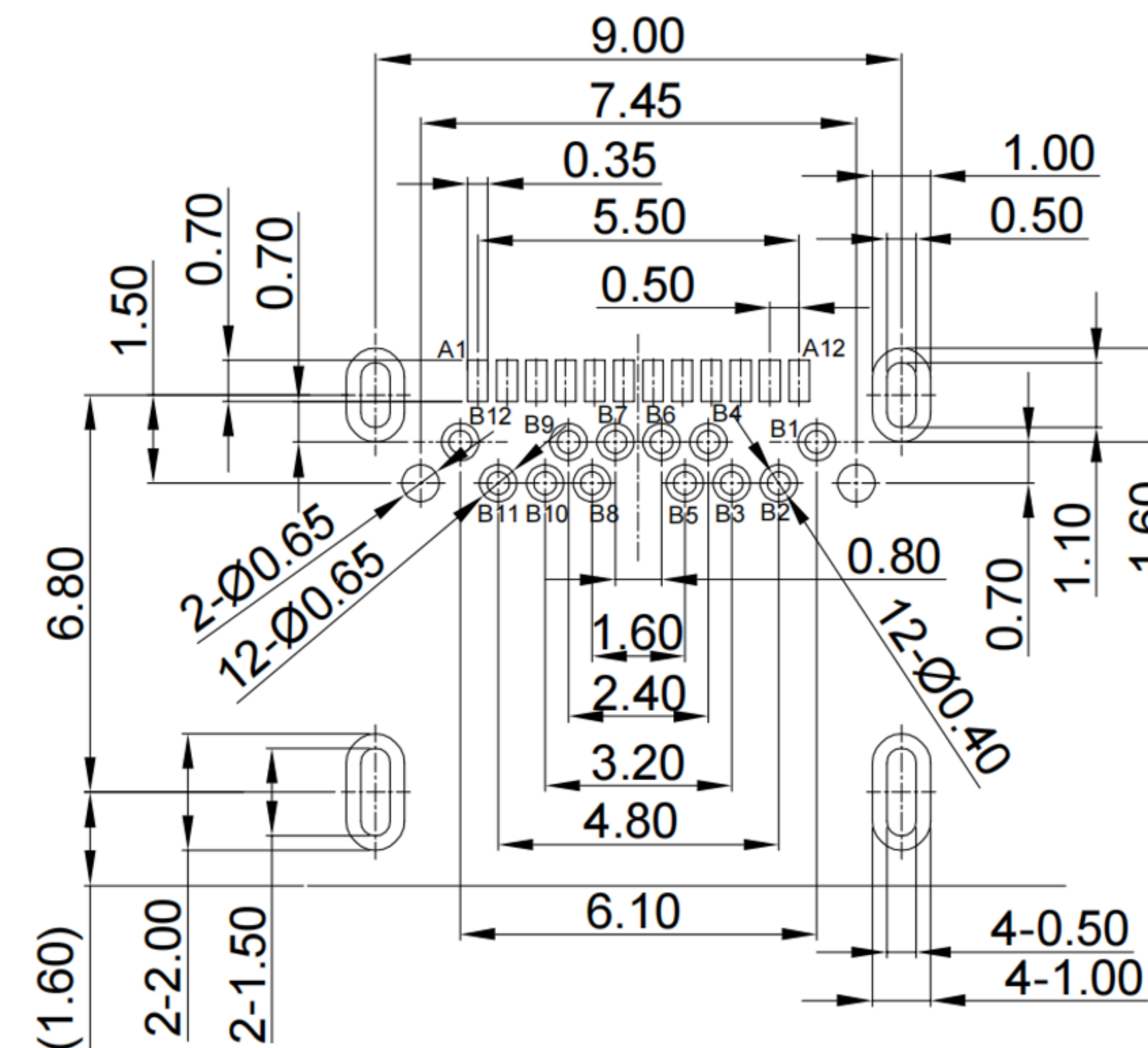
- Housing: LCP
- Contact: C18400
- Shell: SUS
- O-ring: Silicone

Finish:

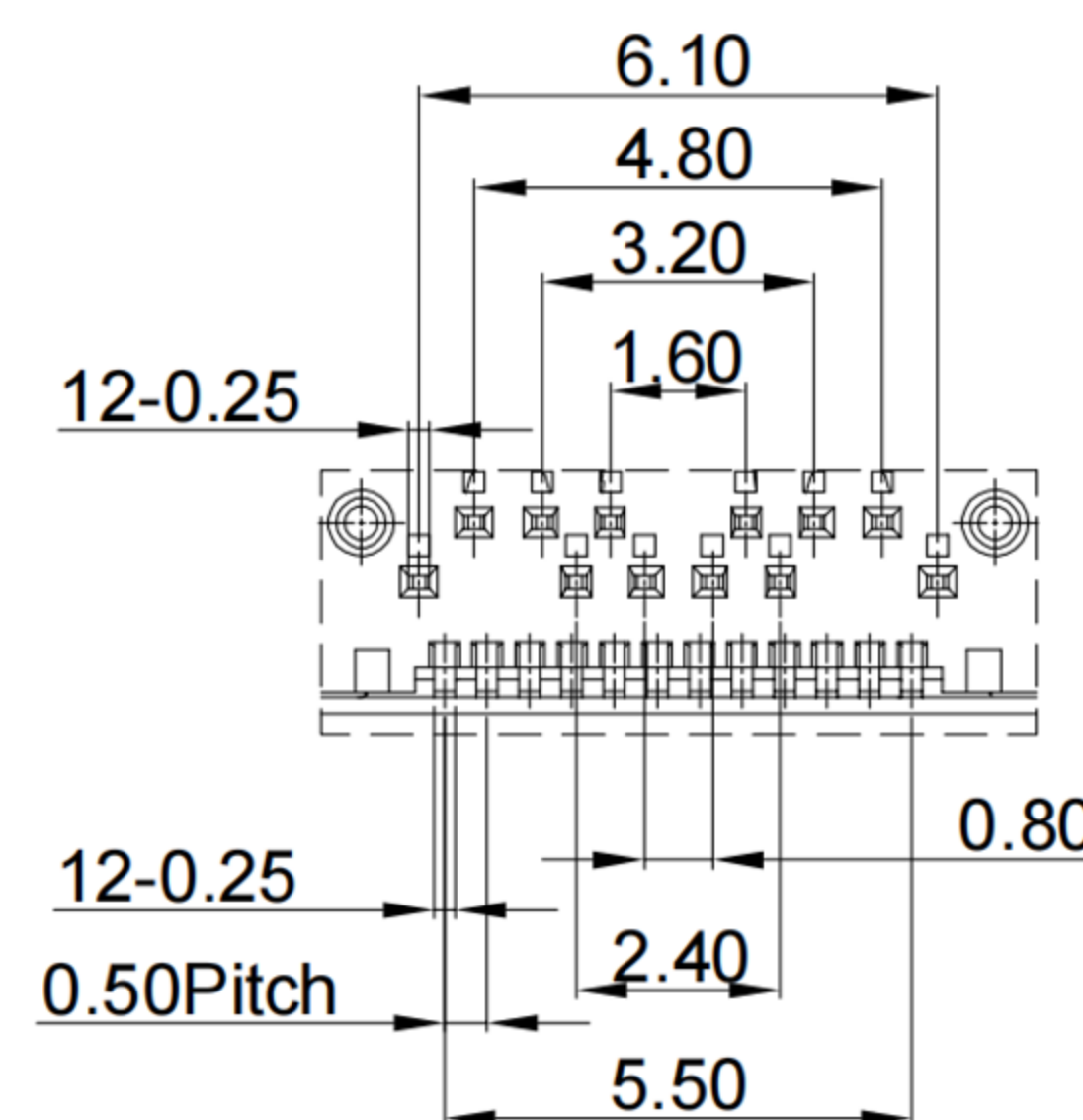
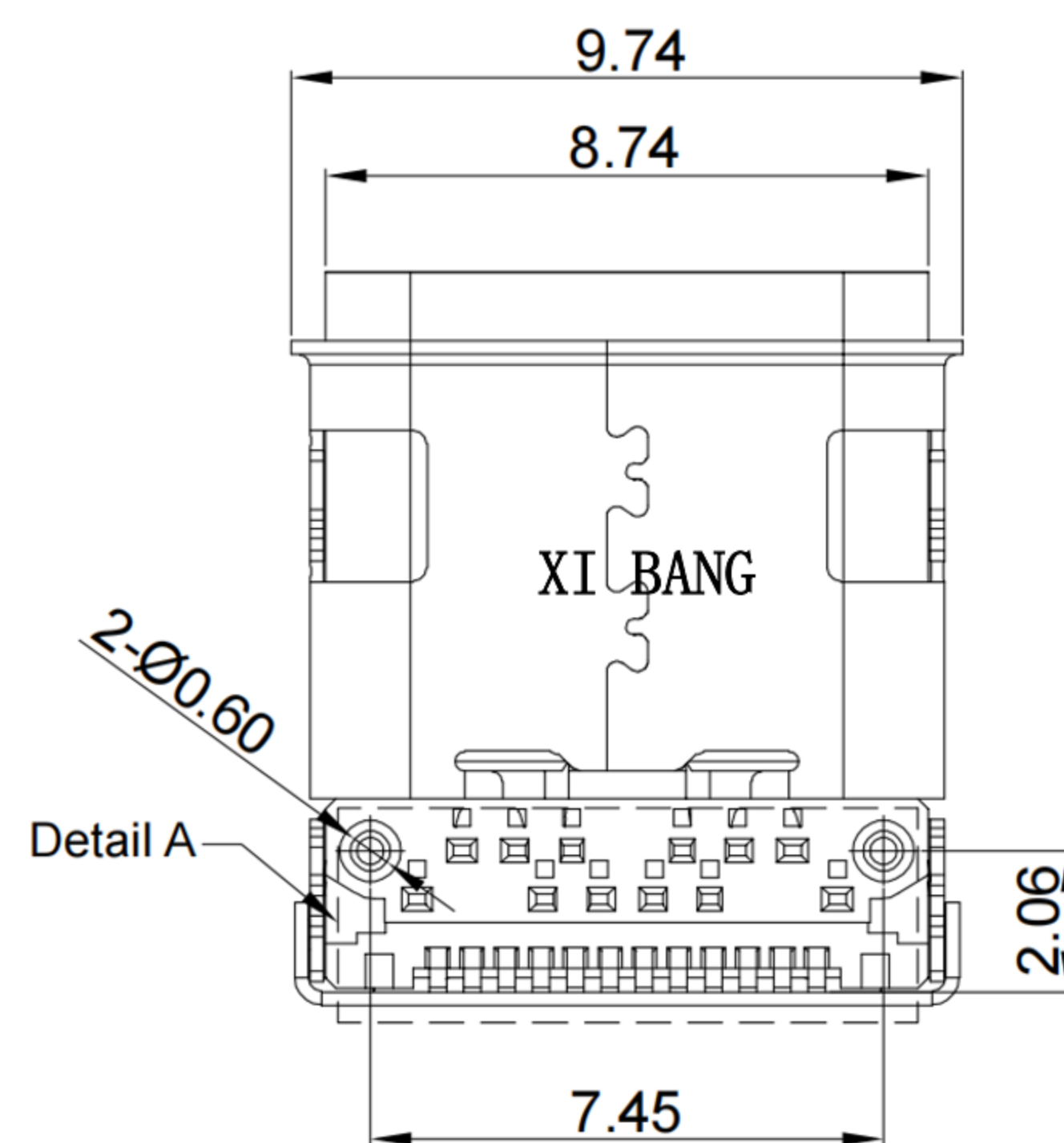
- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- Shell: Nickel under Plated surface layer



SECTION A-A



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05



DETAIL A

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First

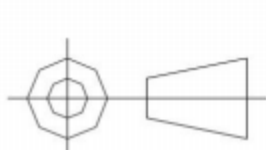


东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

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

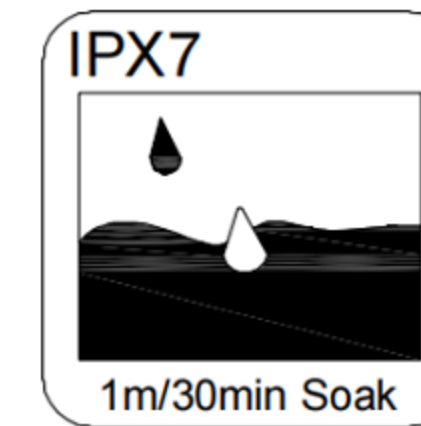
DRAWN BY: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 03/10/22

MAT'L
FINISH
SCALE
SHEET NO.

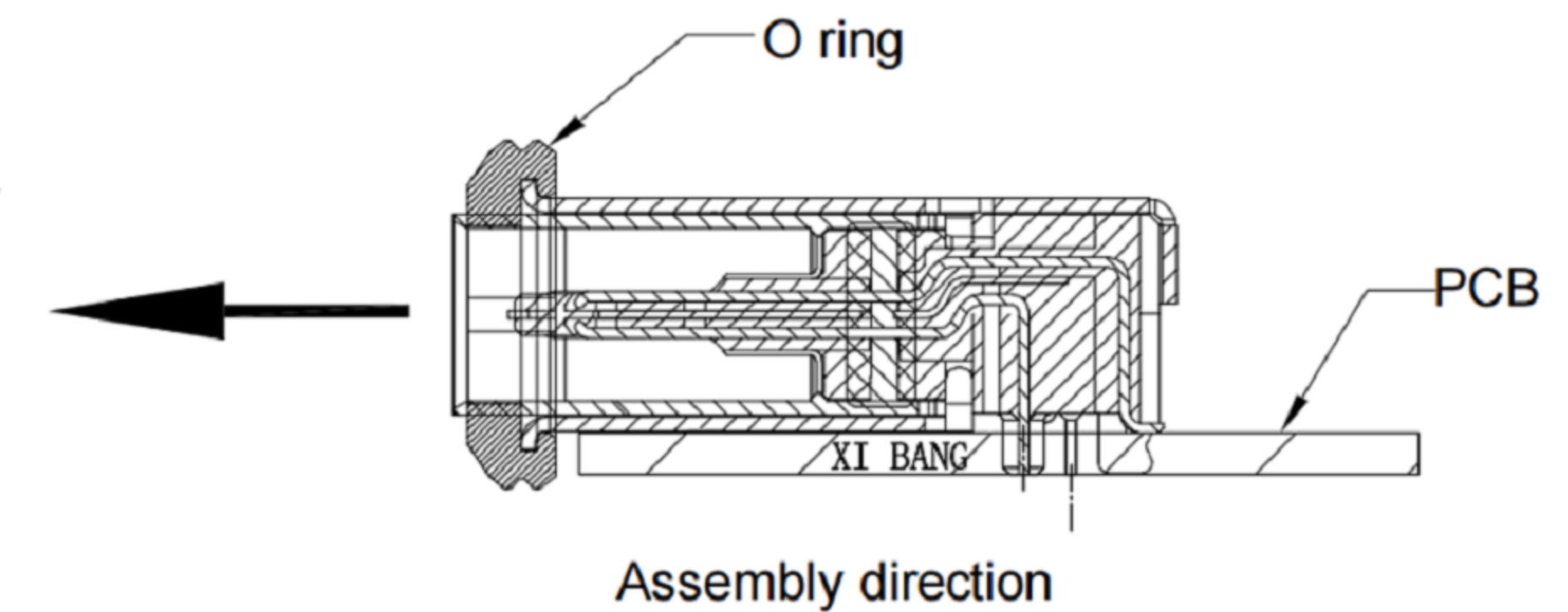
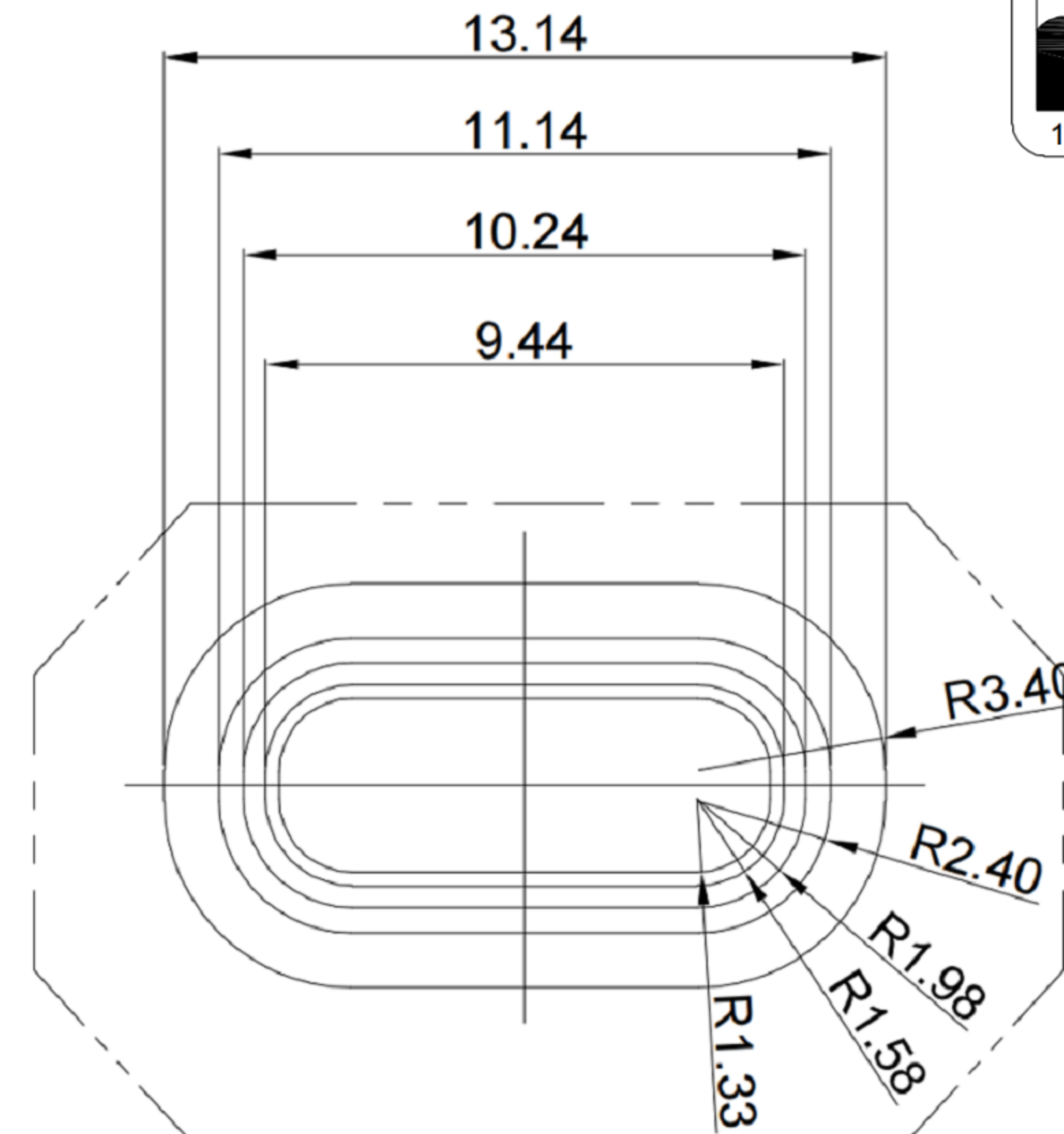
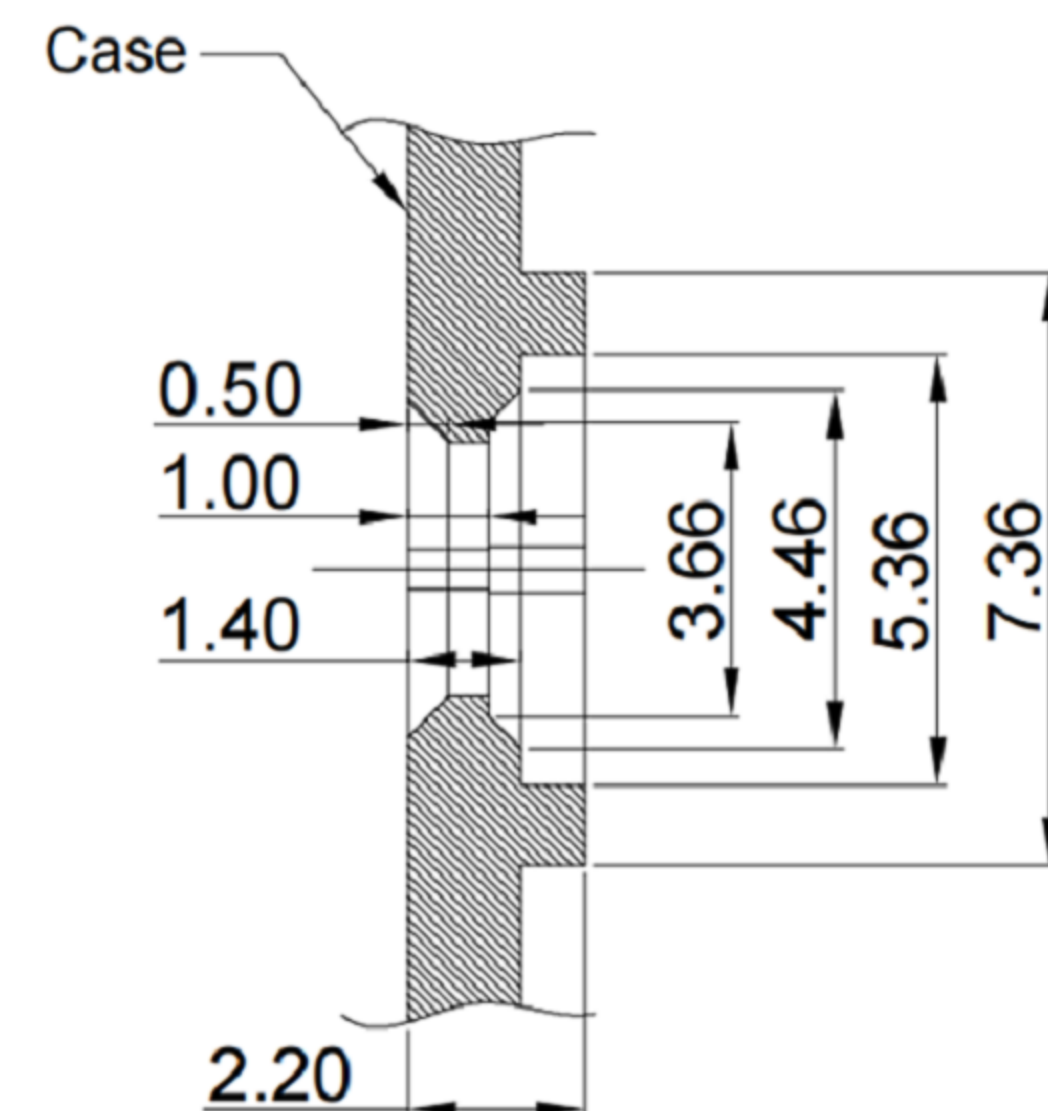
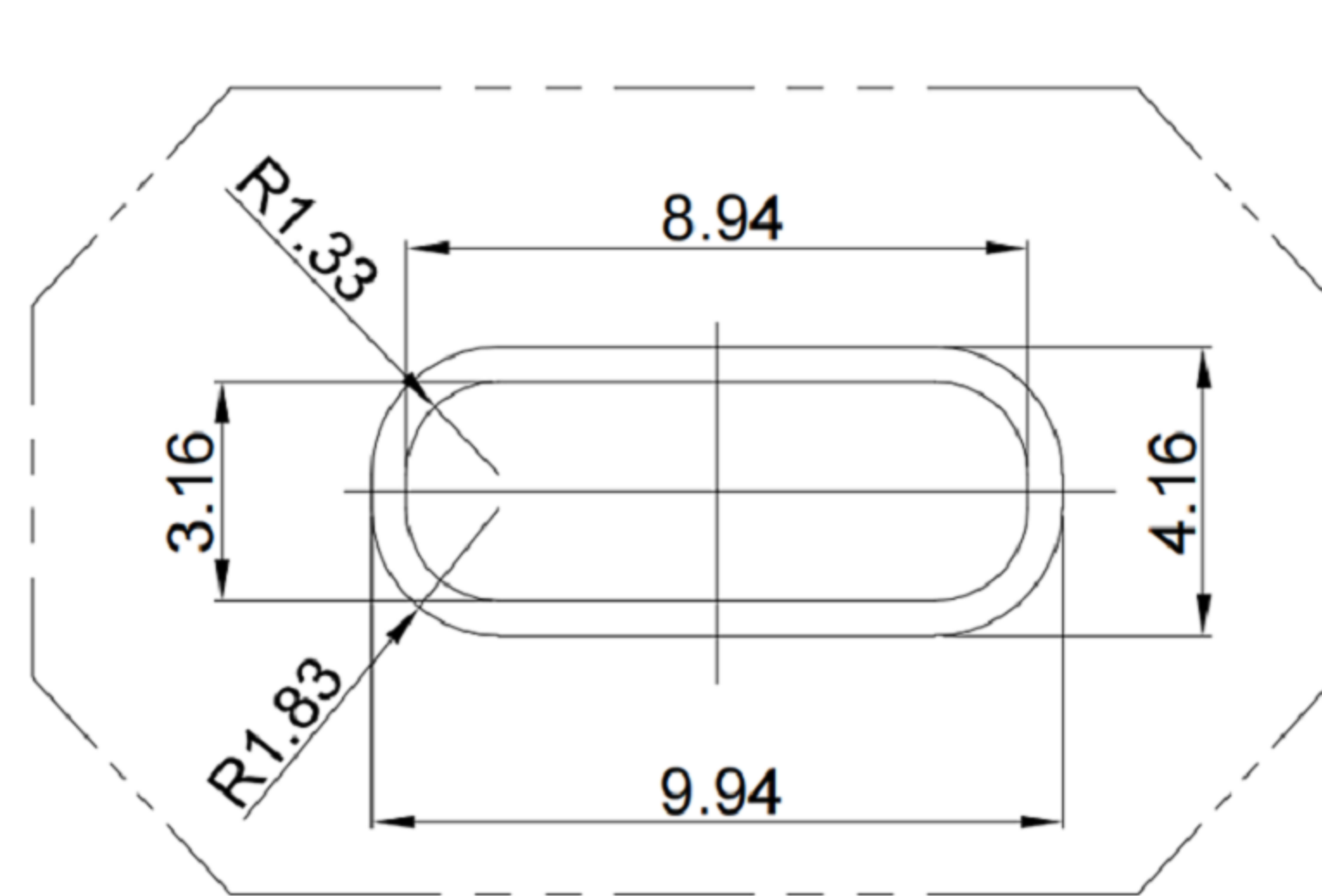
TITLE
MODLE
DWG NO.
PART NO.

CONNECTOR
Horizontal Type-c 24P Female
SMT CH=1.75 L=10.65mm
XB-USB-C-2401-FS

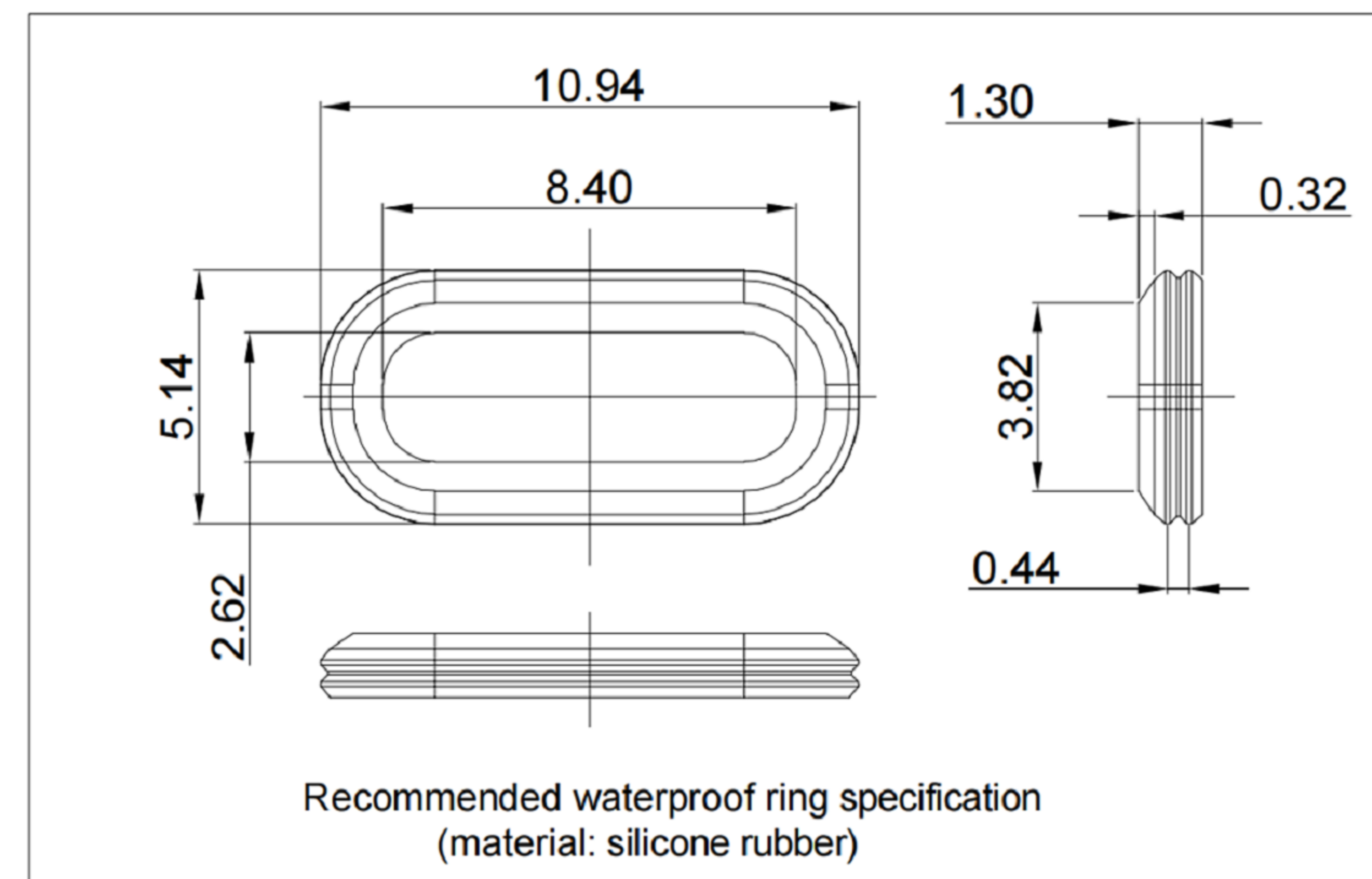
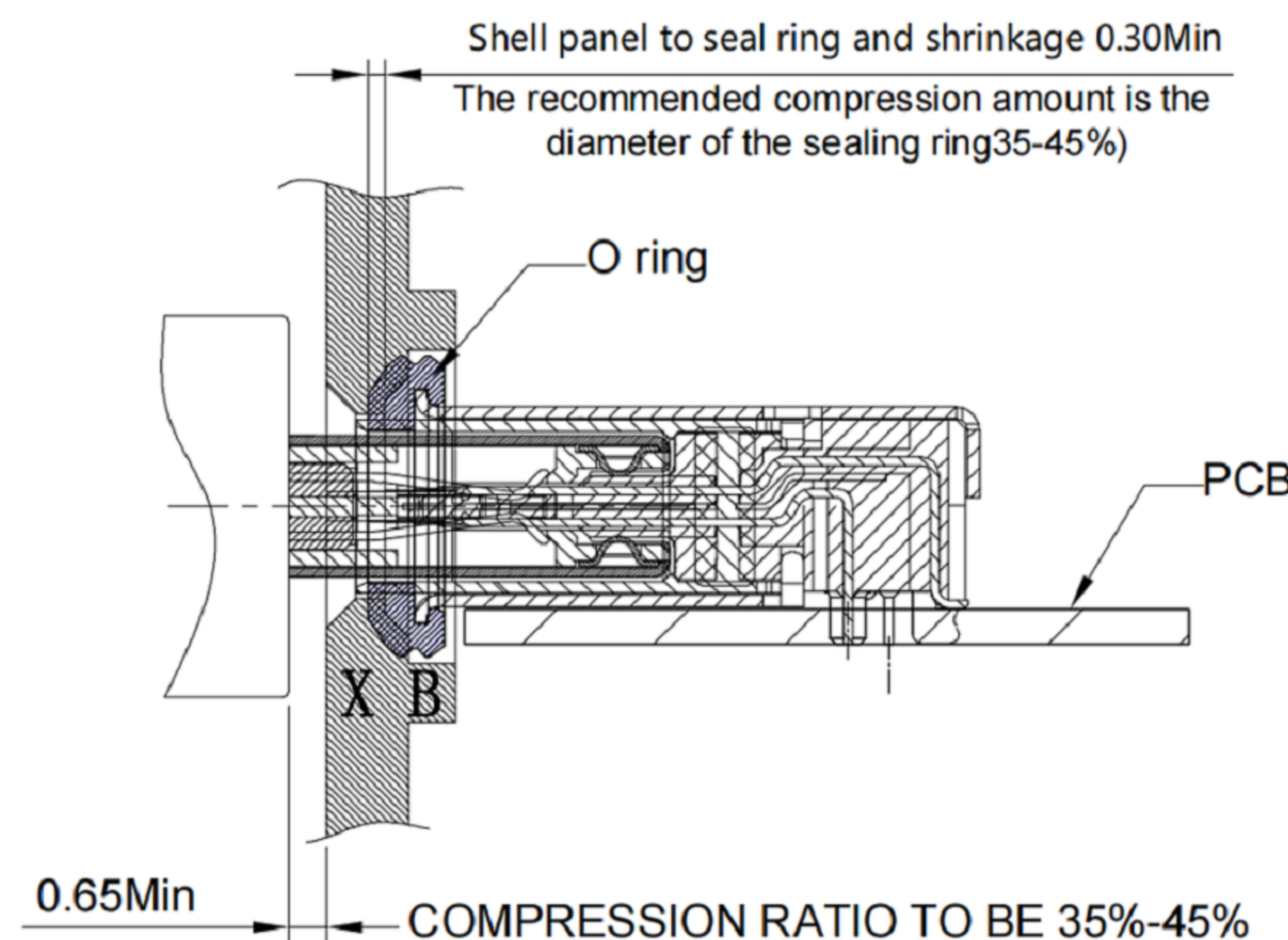
SIZE
A4
VER
R1



IPX7



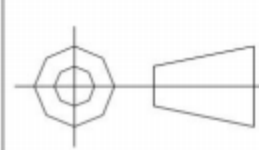
RECOMMENDED OPEN DIMENSION OF CASE
TOLERANCE:±0.03mm
MATTING AREA WITH SEALING RING



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DONG GUAN XI BANG 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: Jack Lu
CHECKED BY: Jacky Chen
APPROVED BY: Tony Kao
DATE: 03/10/22

MAT'L
FINISH
SCALE
SHEET NO.

TITLE
MODLE
DWG NO.
PART NO.

CONNECTOR
Horizontal Type-c 24P Female
SMT CH=1.75 L=10.65mm
XB-USB-C-2401-FS

SIZE
A4
VER
R1