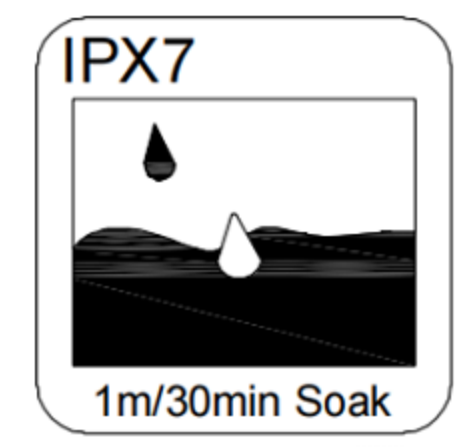
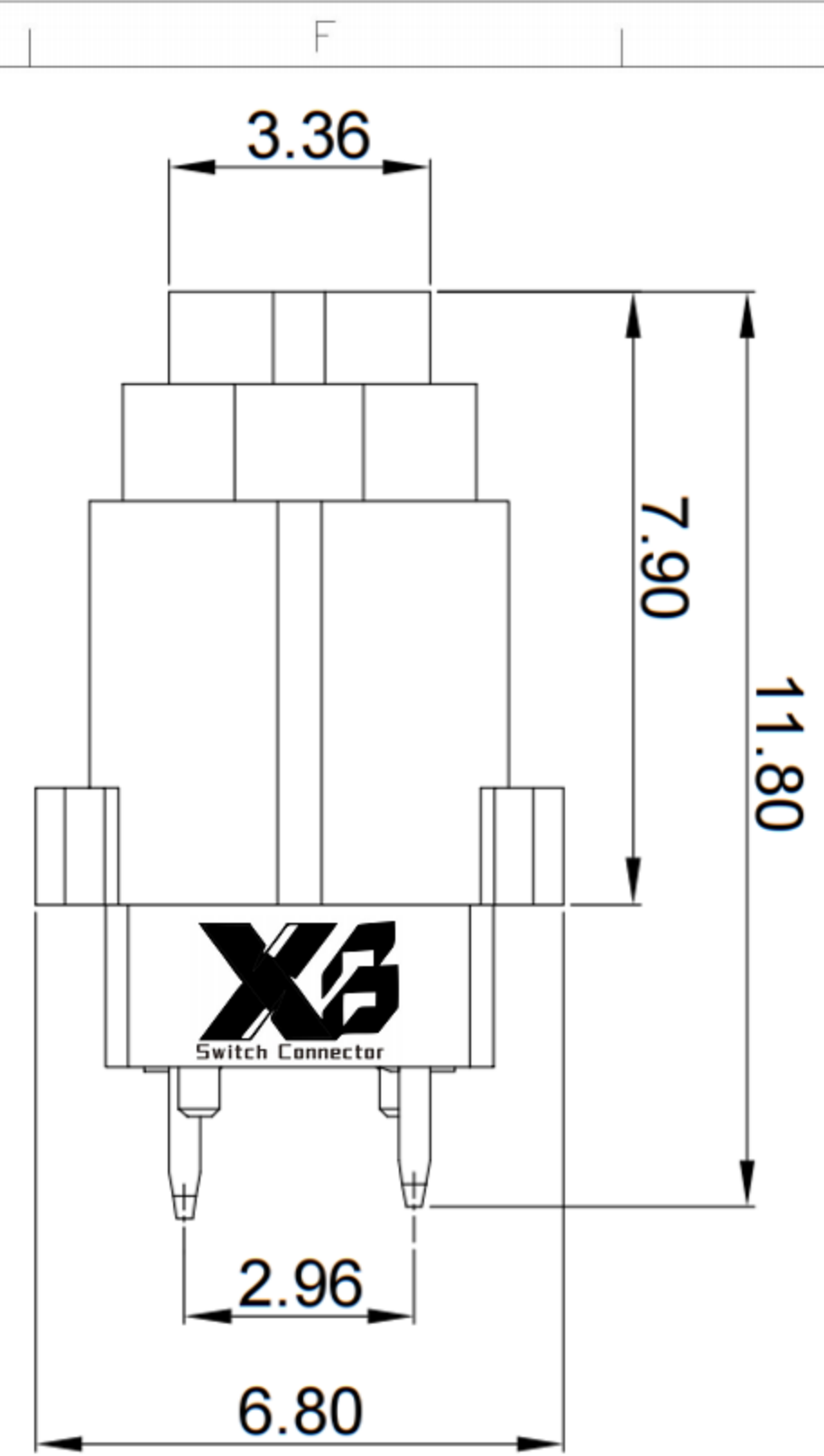
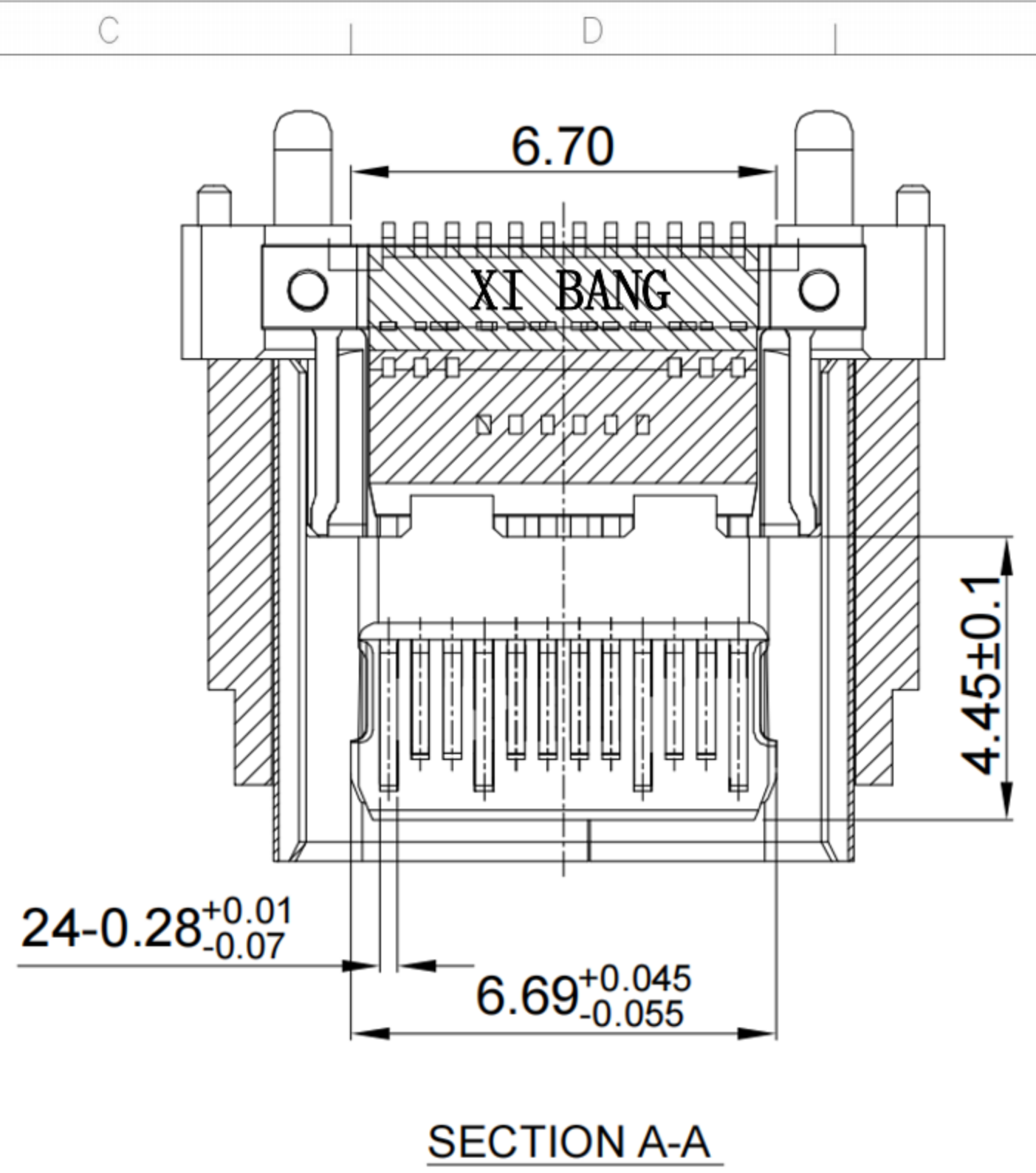
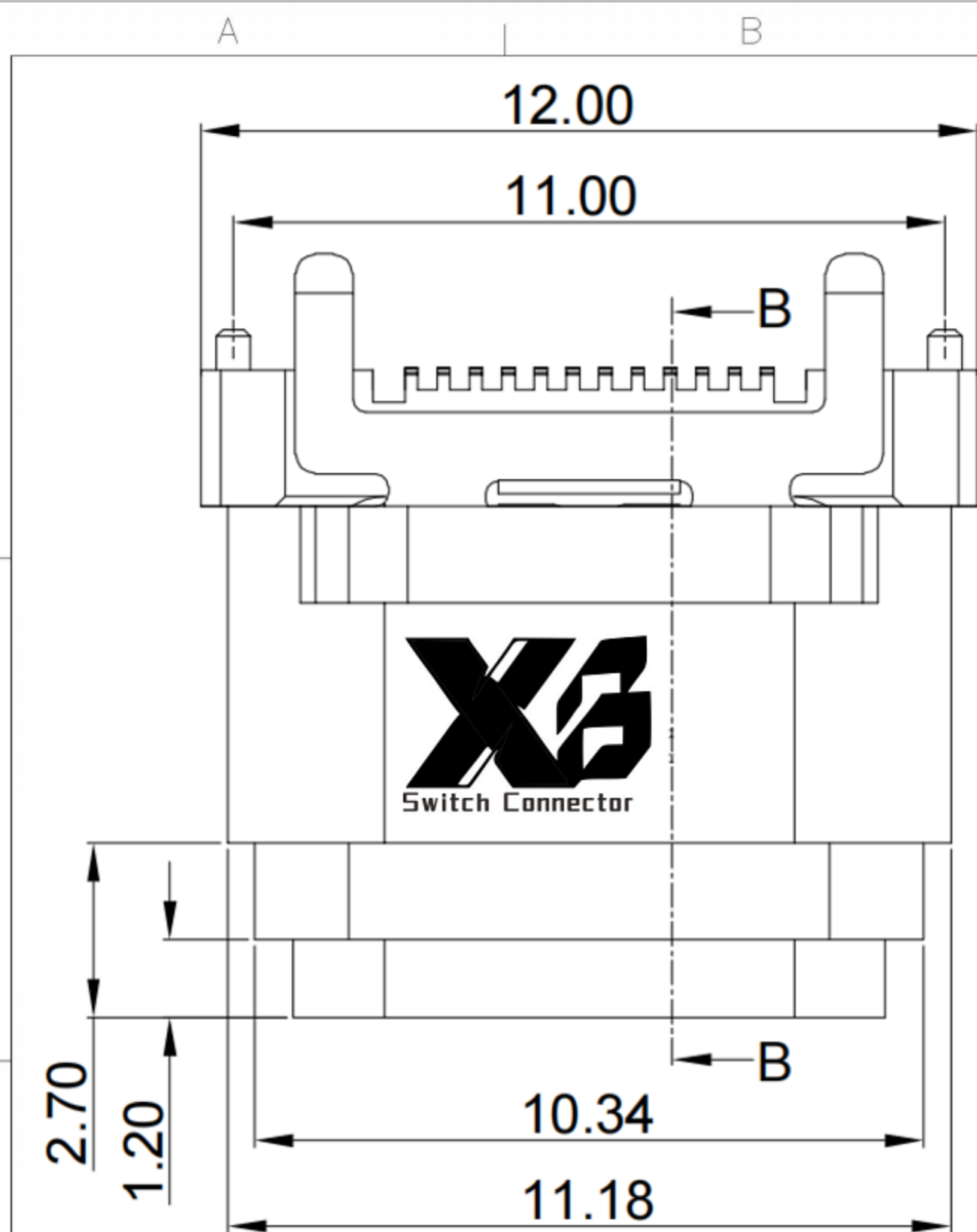




鍍層厚度:

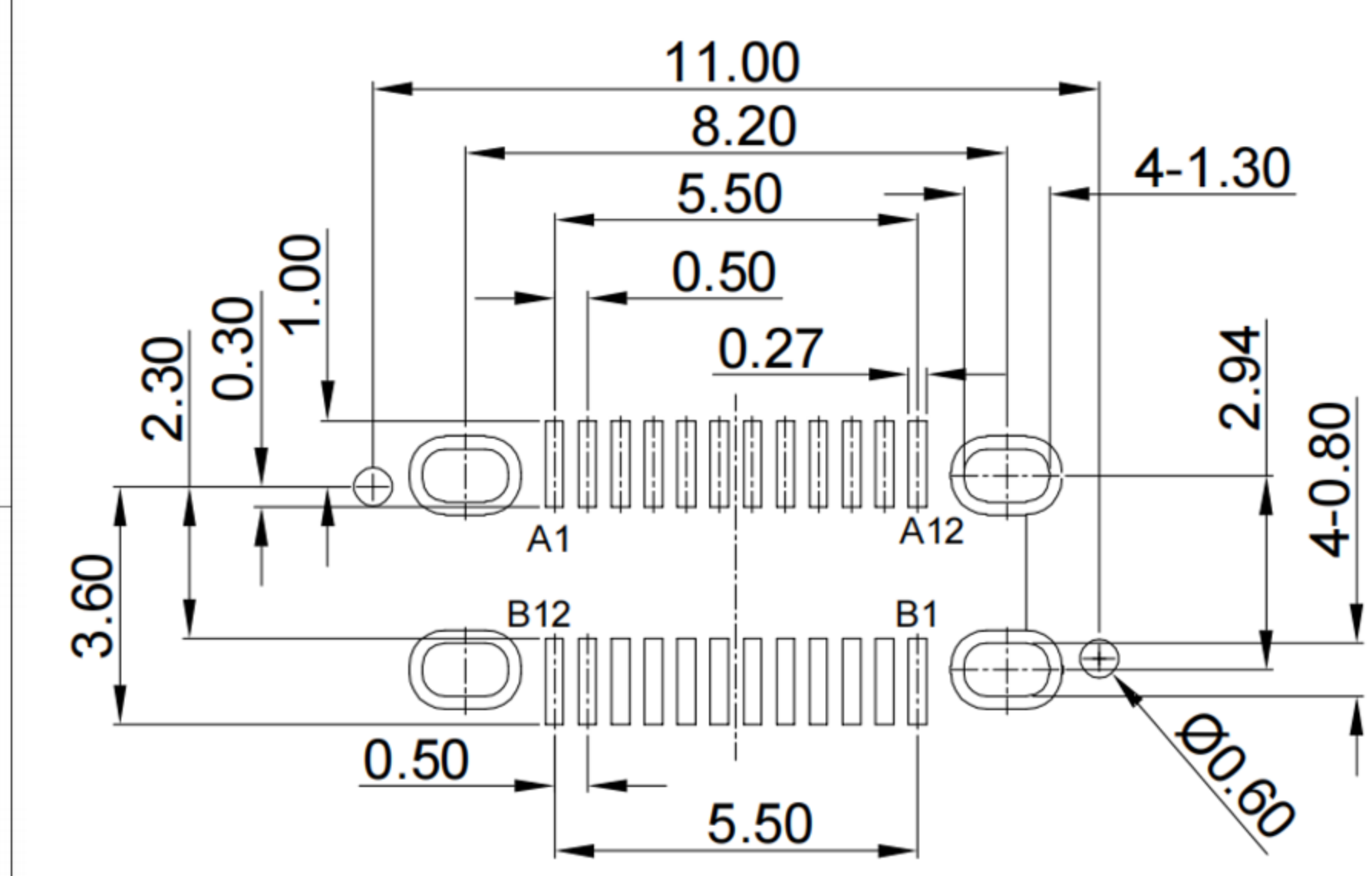
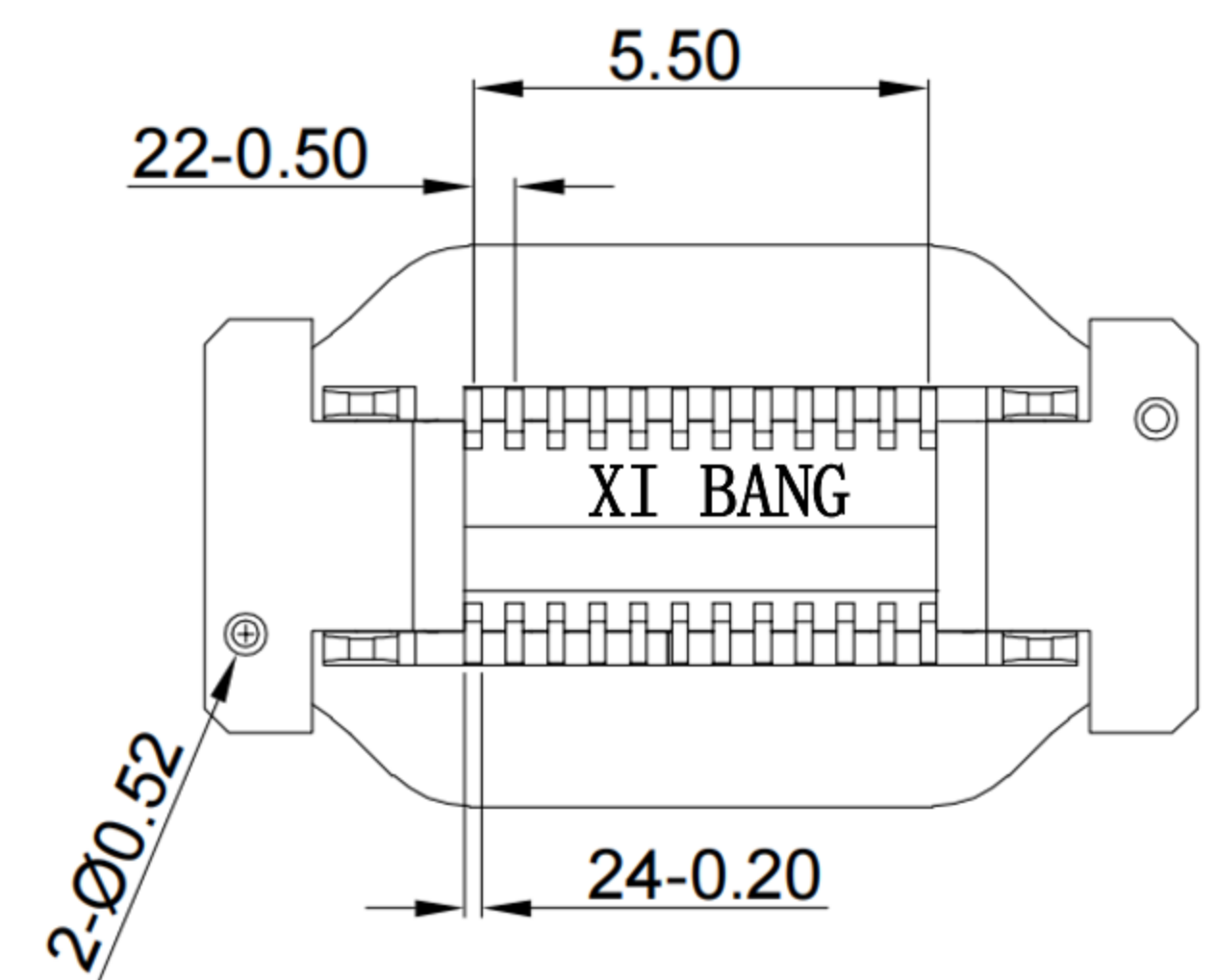
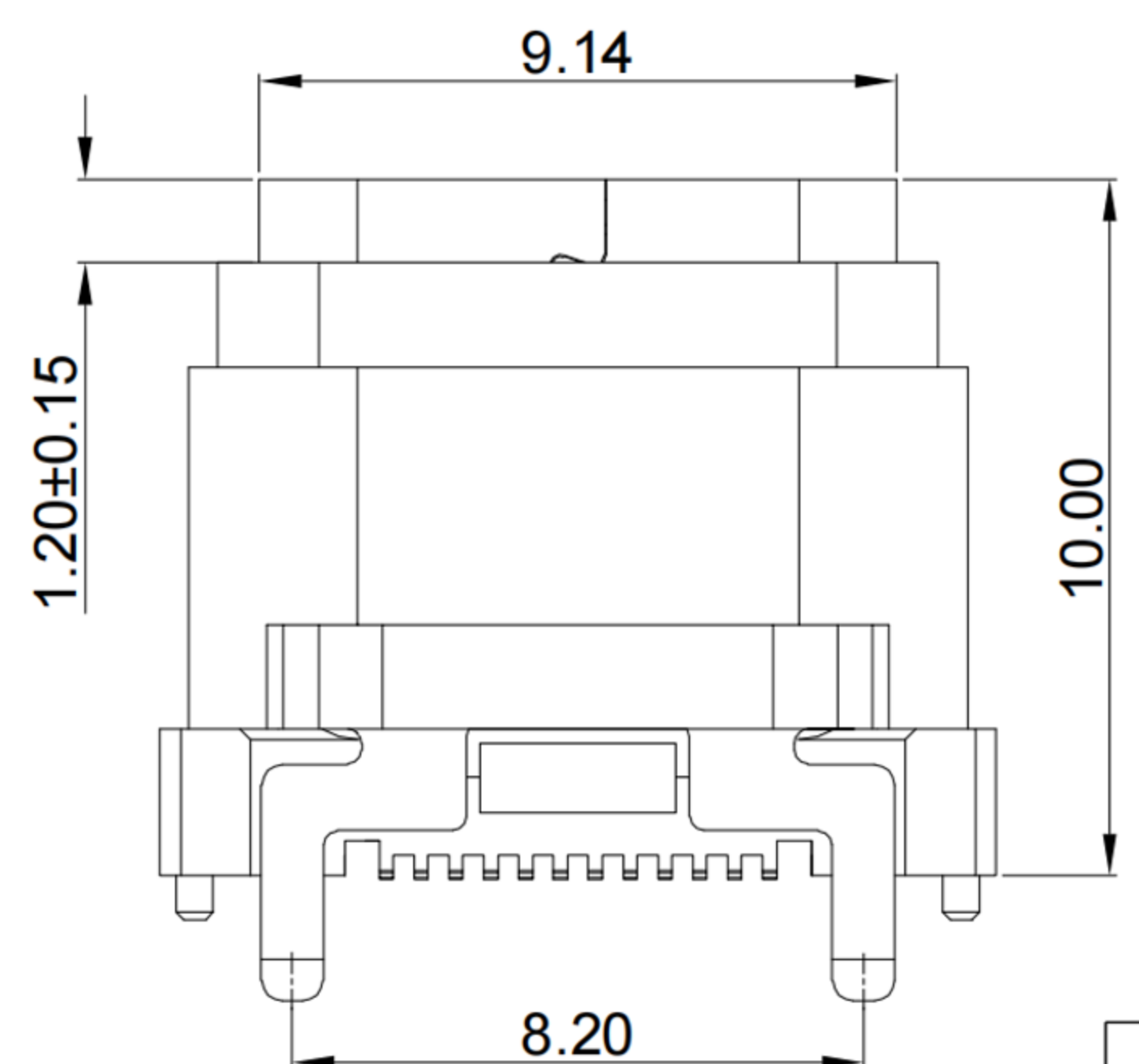
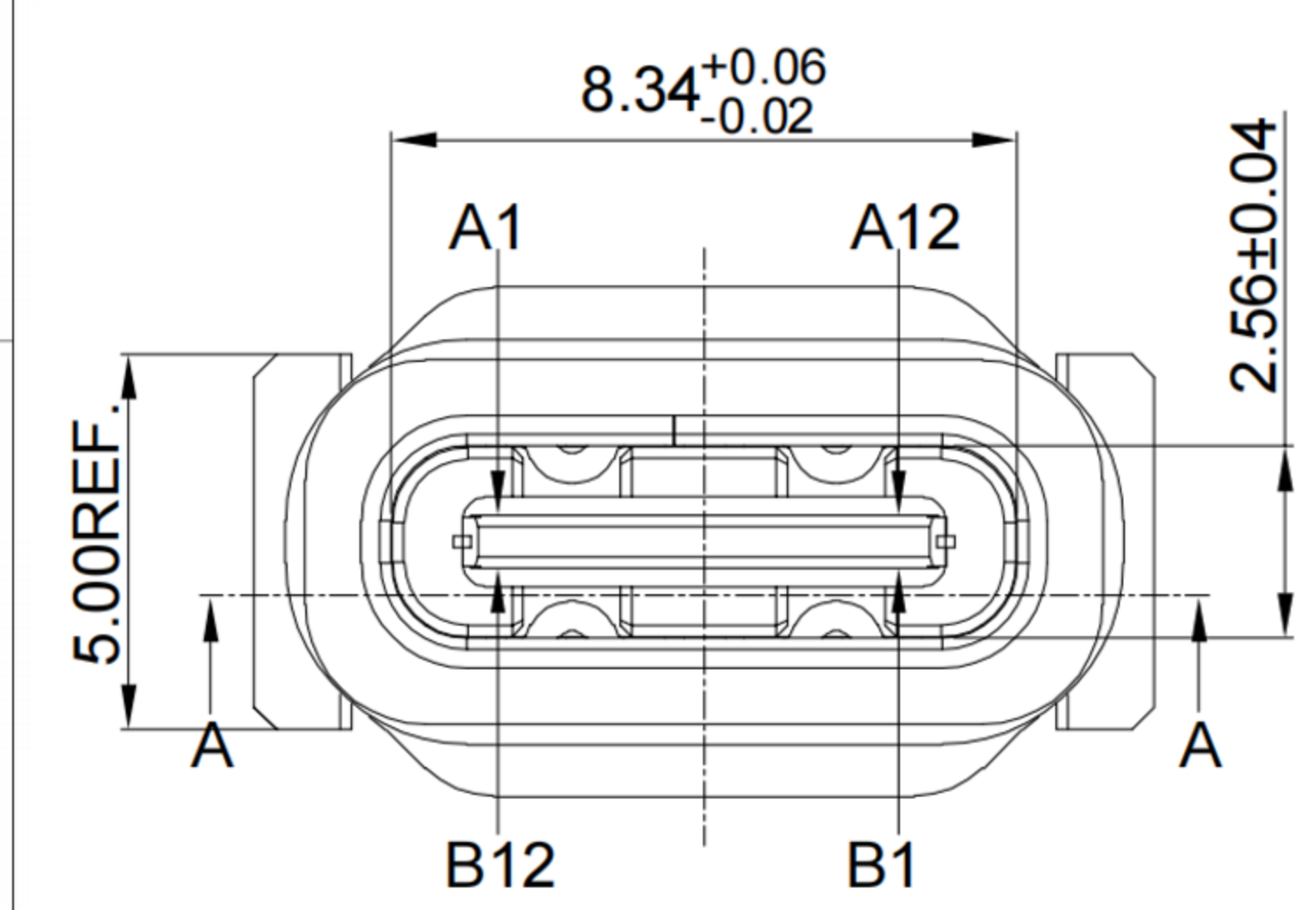
Blank : 1u"
2 : 15u"
3 : 30u"

- 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
 - 1.1 Mate force: 5~20 N .
 - 1.2 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



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05mm

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

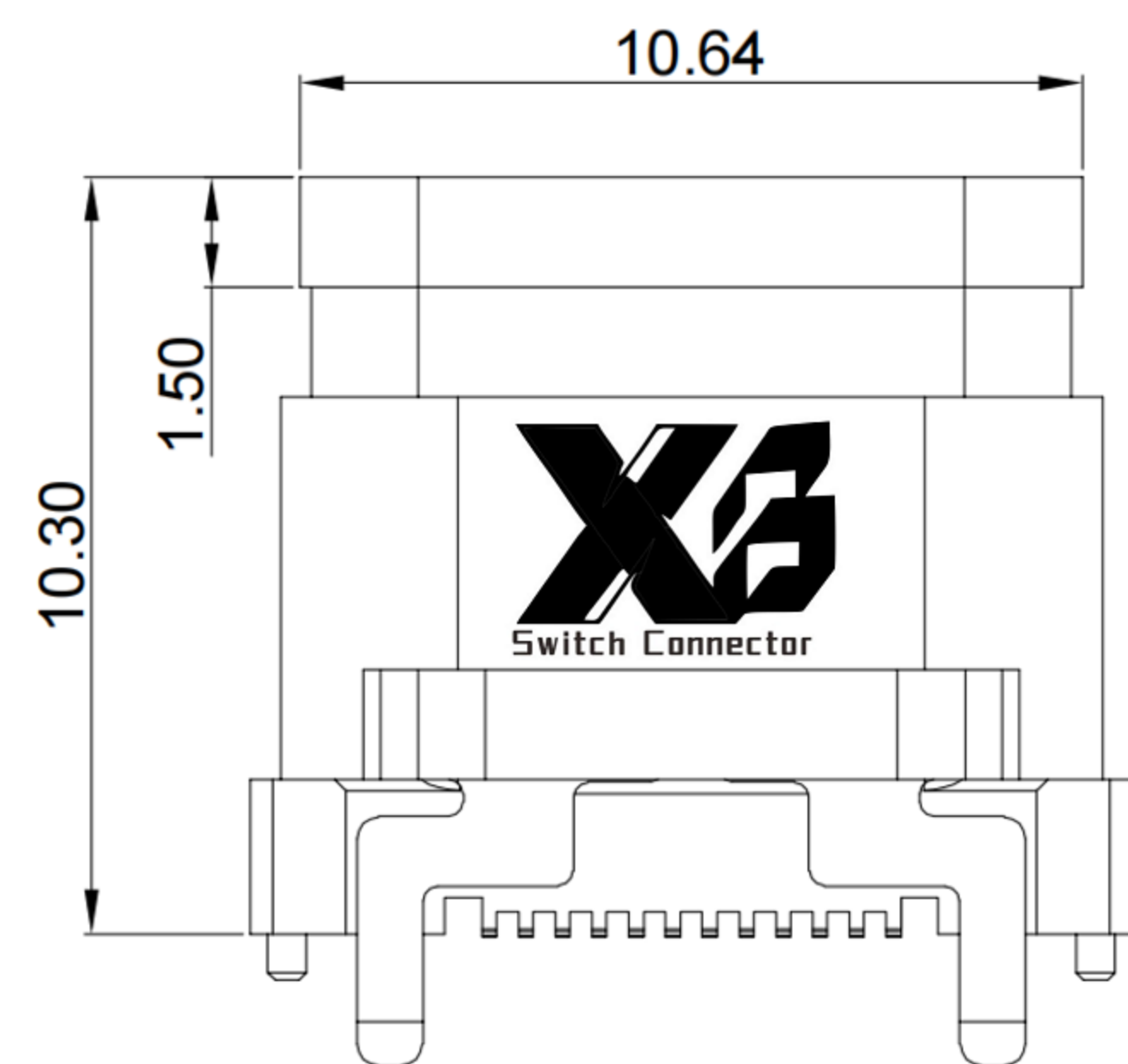
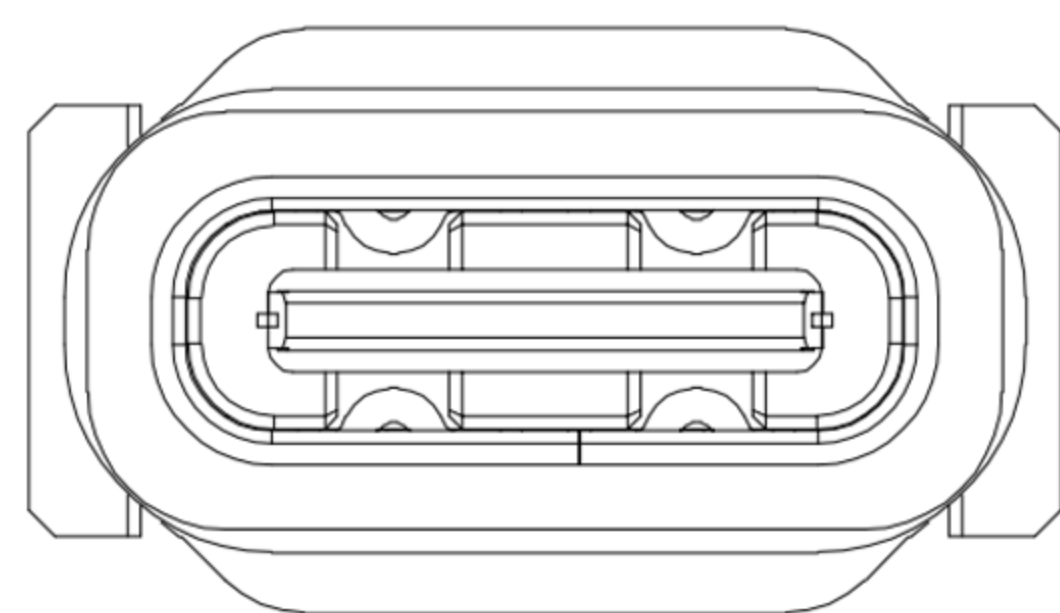
东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

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
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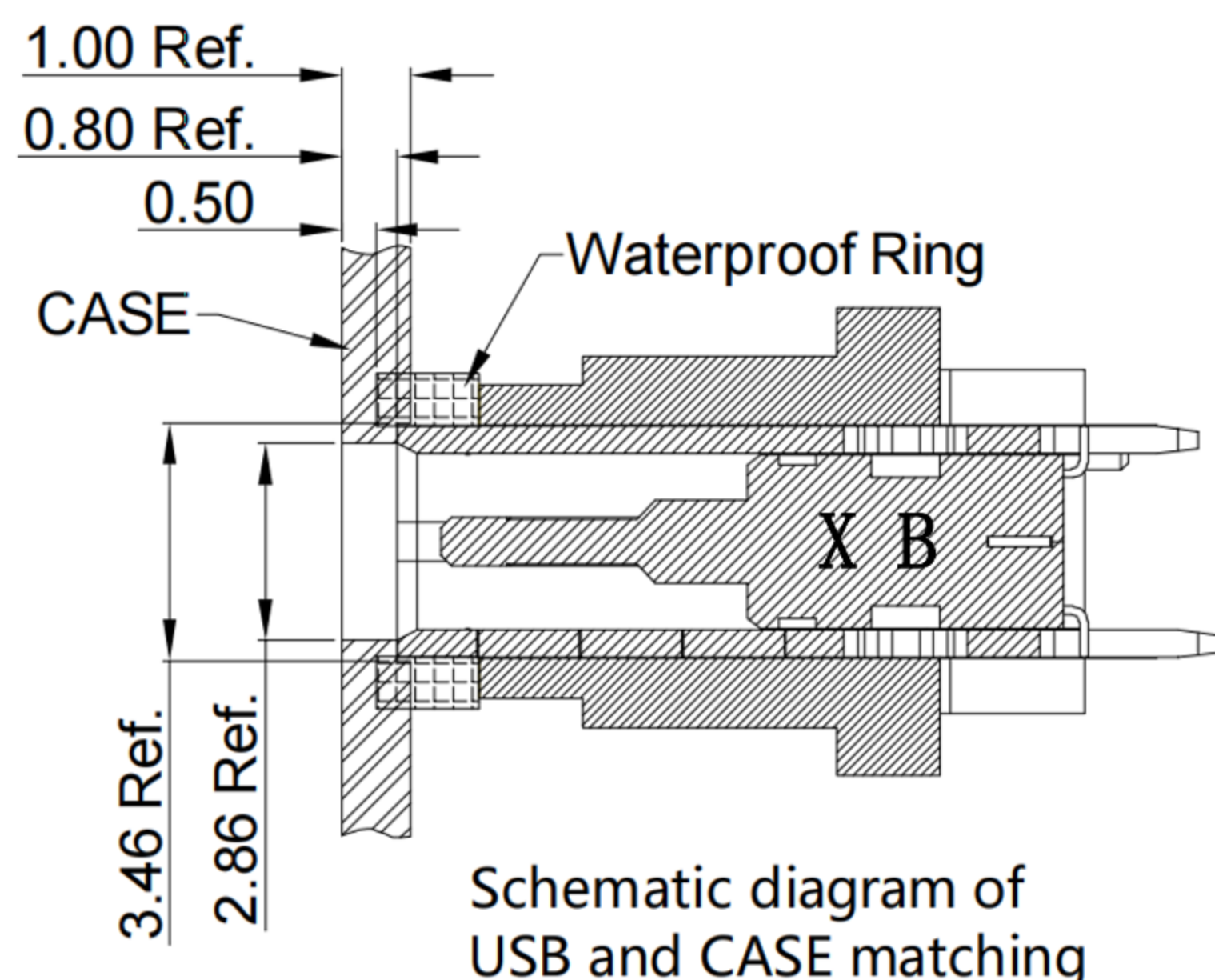
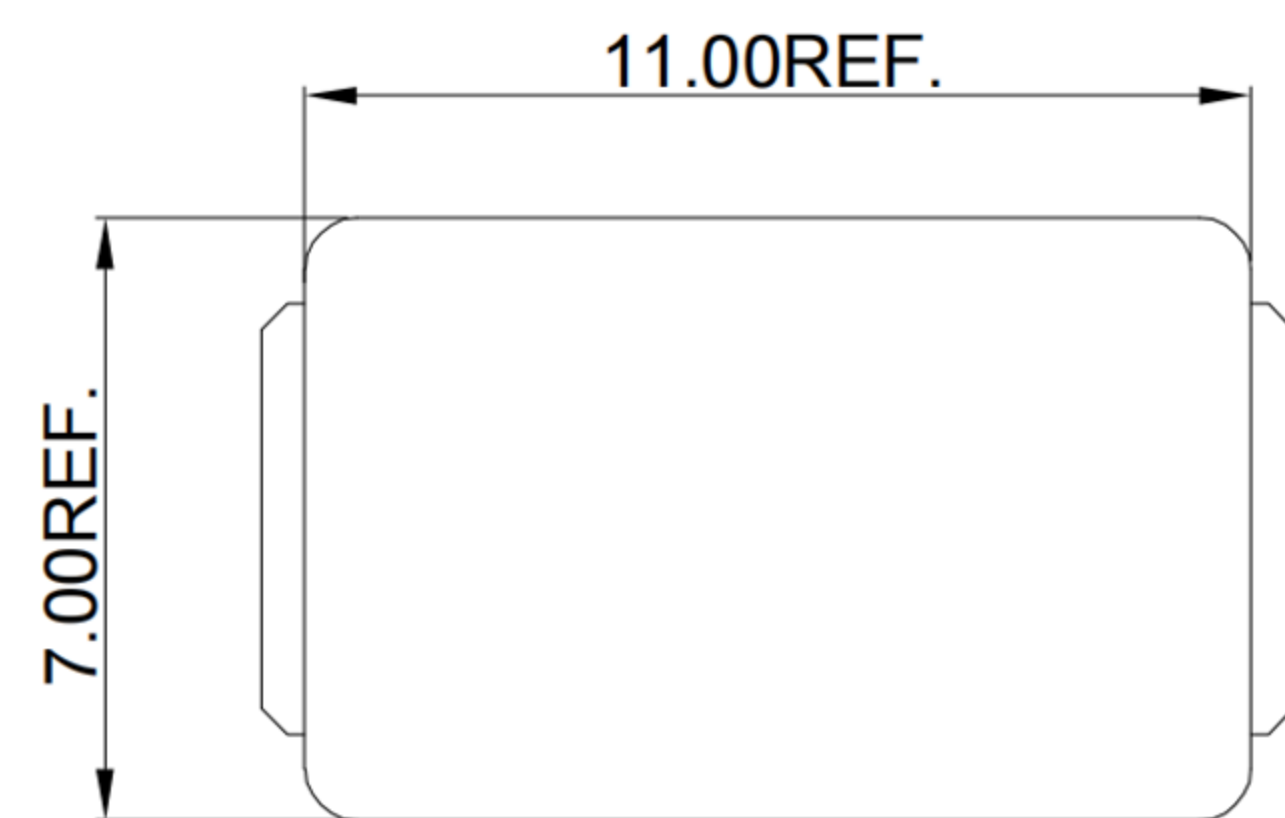
DRAWN BY:	DATE	MAT'L	TITLE	CONNECTOR
Jack Lu	03/10/22	FINISH	MODLE	Vertical Type-c 24P Female SMT H=10.0mm
CHECKED BY:	DATE	SCALE	DWG NO.	XB-USB-C-2415-FS
Jacky Chen	03/10/22	1 : 1	PART NO.	
APPROVED BY:	DATE	SHEET NO.		
Tony Kao	03/10/22	1 of 1		

1	更新圖面	Jack	031022
ITEM NO.	DESCRIPTION	DRAWN	DATE

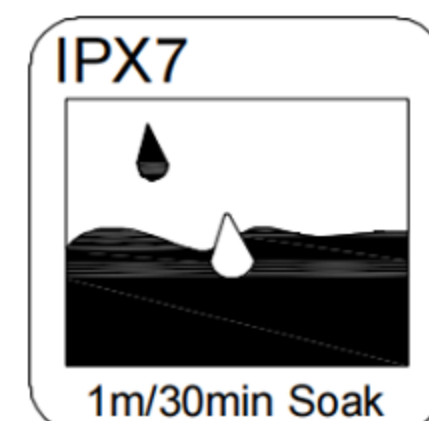
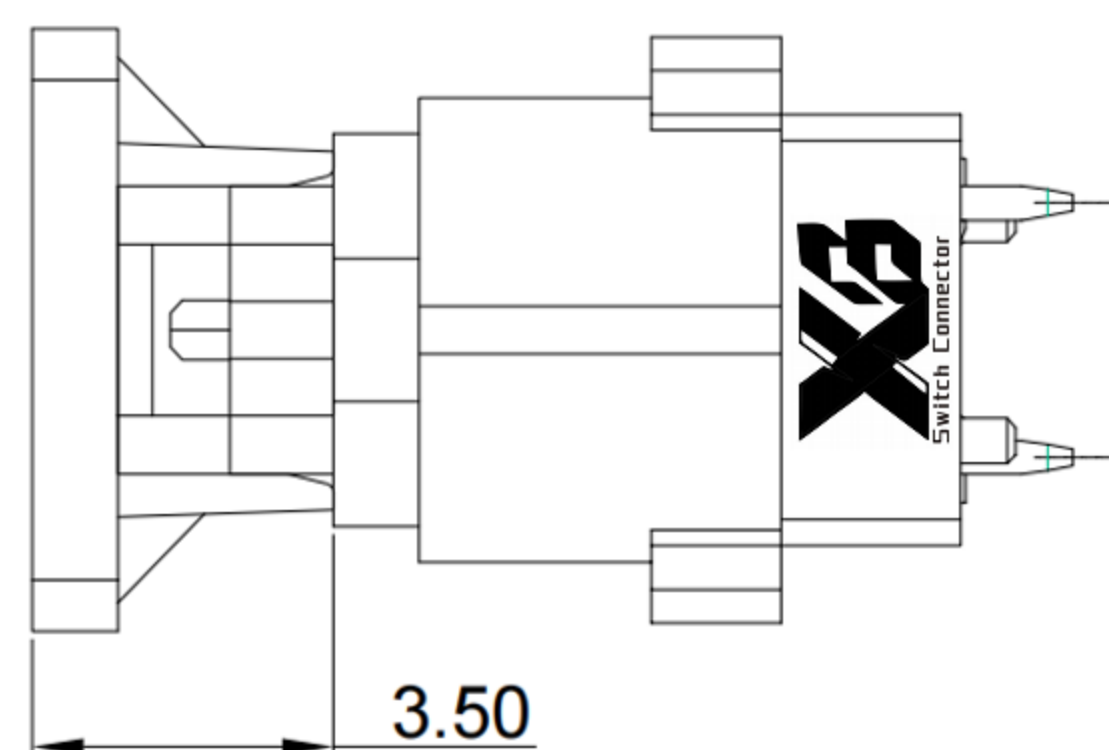
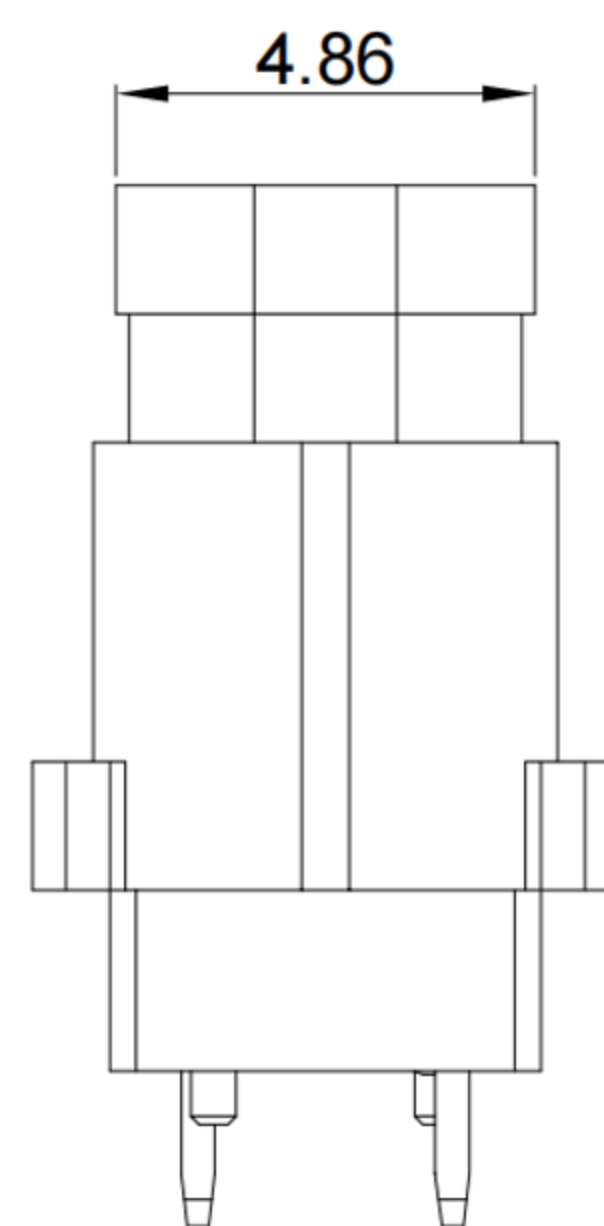
Schematic diagram of adding water-proof ring



Schematic diagram of adding CAP



Schematic diagram of USB and CASE matching



鍍層厚度：

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

IPX7



SPECIFICATIONS

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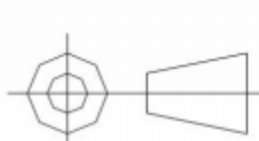
A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	VBUS	CC1	D+	D-	SBU1	VBUS	RX2-	RX2+	GND
First	Second	Second	First	Second	Second	Second	Second	First	Second	Second	First
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND	RX1+	RX1-	VBUS	SBU2	D-	D+	CC2	VBUS	TX2-	TX2+	GND
First	Second	Second	First	Second	Second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



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

MAT'L		TITLE	CONNECTOR		
FINISH		MODLE	Vertical Type-c 24P Female SMT H=10.0mm		
SCALE	1 : 1	DWG NO.	XB-USB-C-2415-FS	SIZE	A4
SHEET NO.	1 of 1	PART NO.		VER	R1

ITEM NO.	DESCRIPTION	DRAWN	DATE
1	更新圖面	Jack	031022