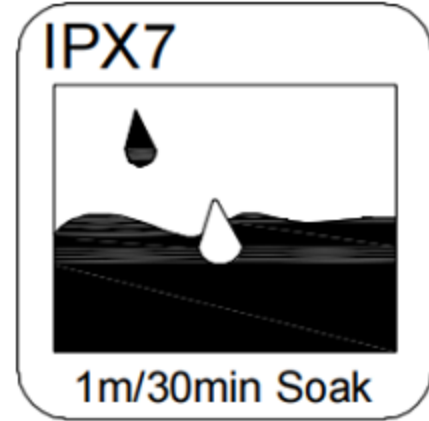
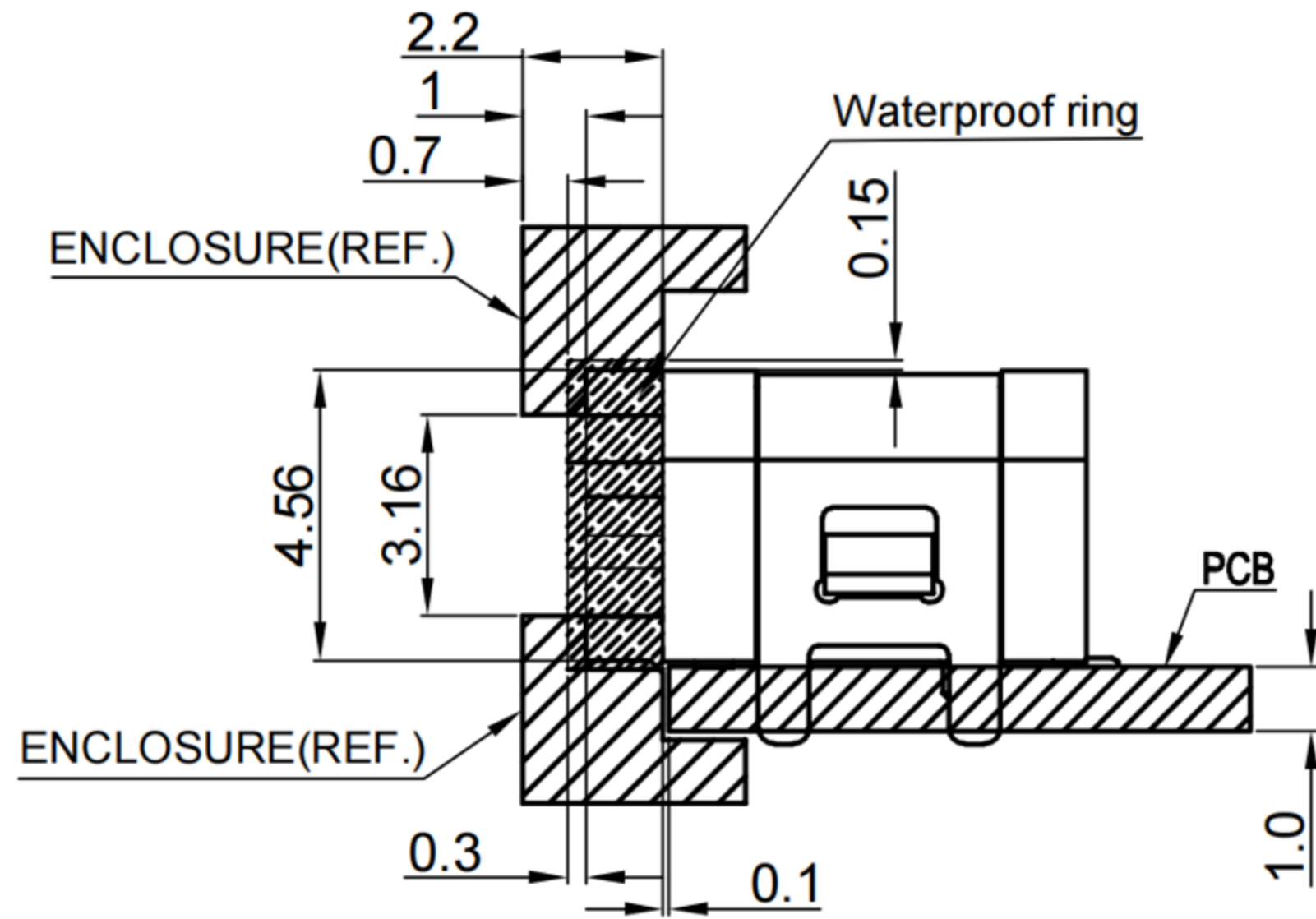
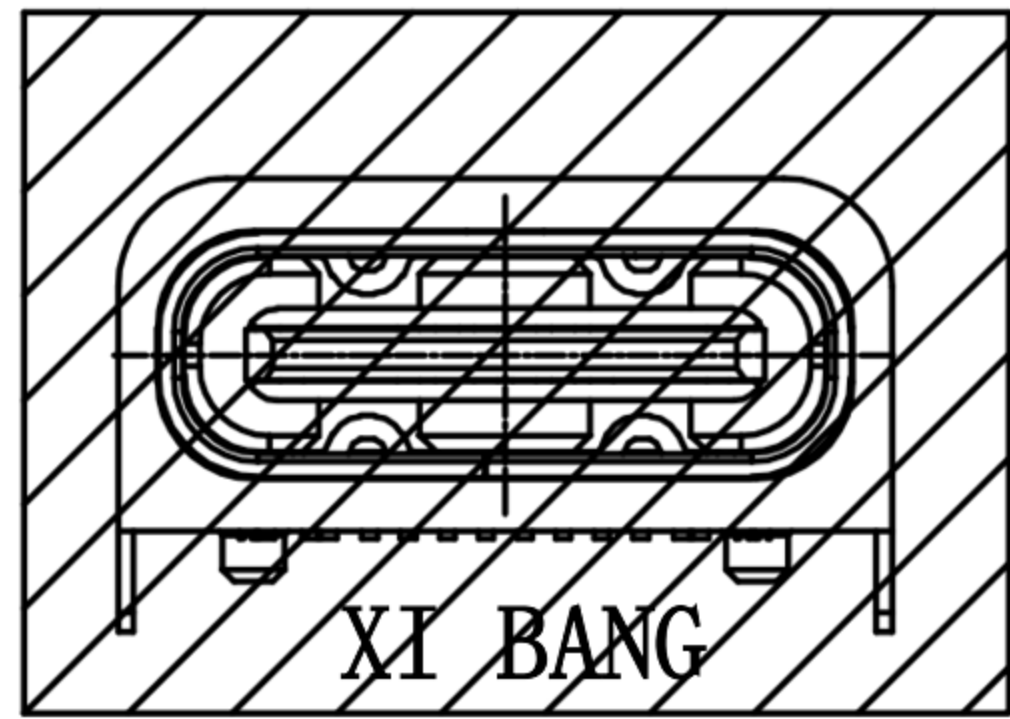
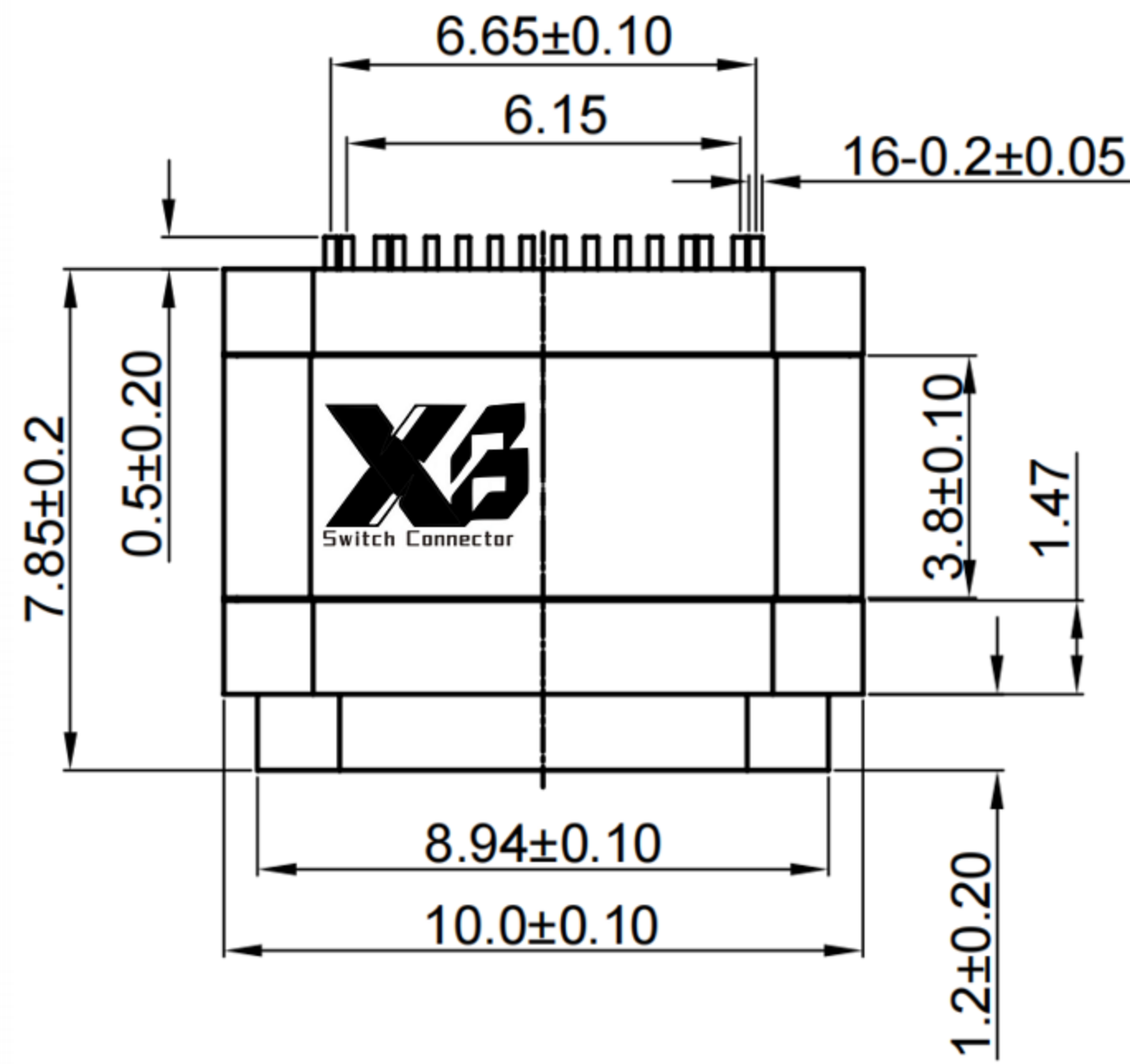




IPX7



鍍層厚度：

Blank : 1u"

2 : 15u"

3 : 30u"

SPECIFICATIONS

Electrical:

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

Mechanical:

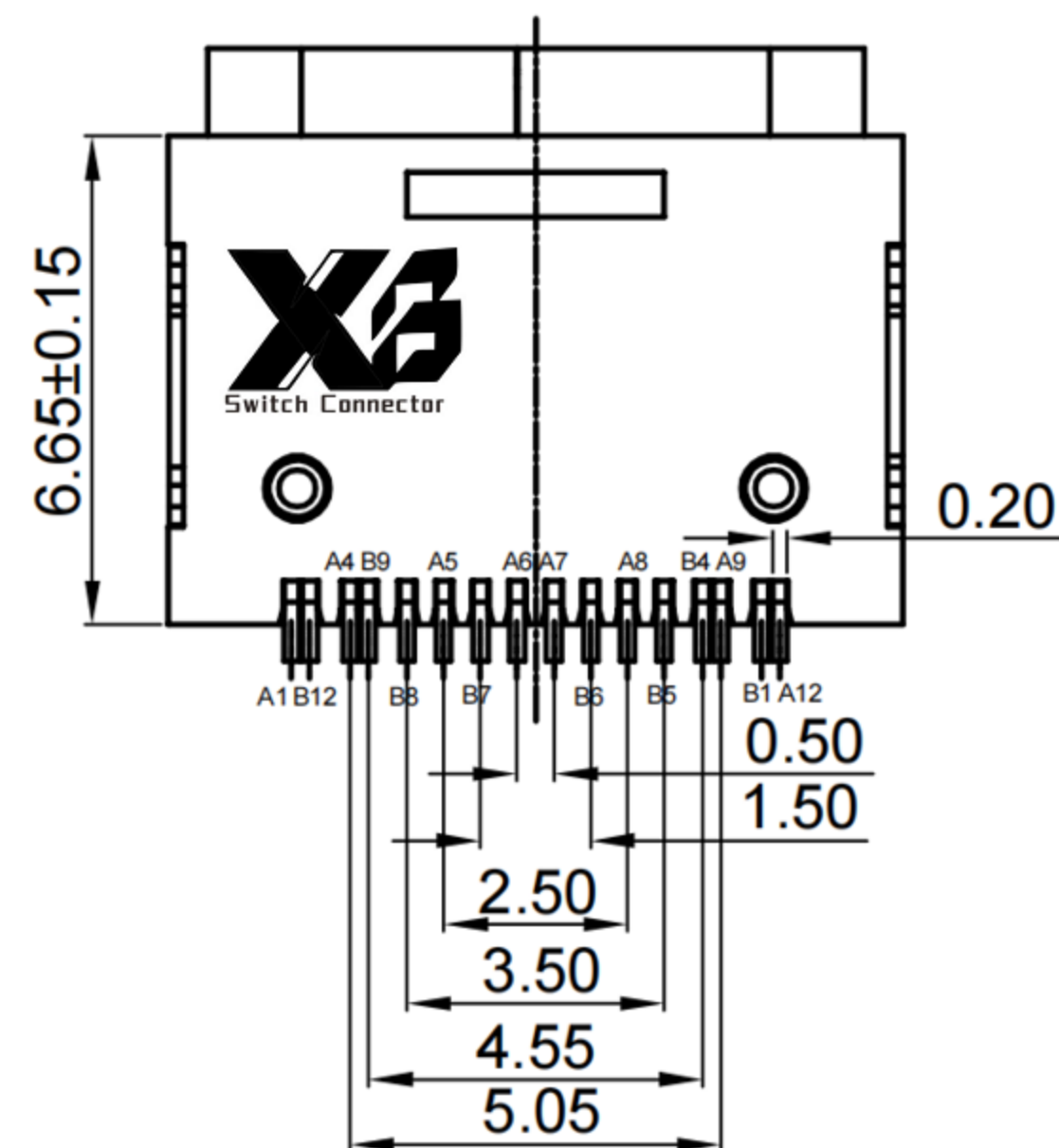
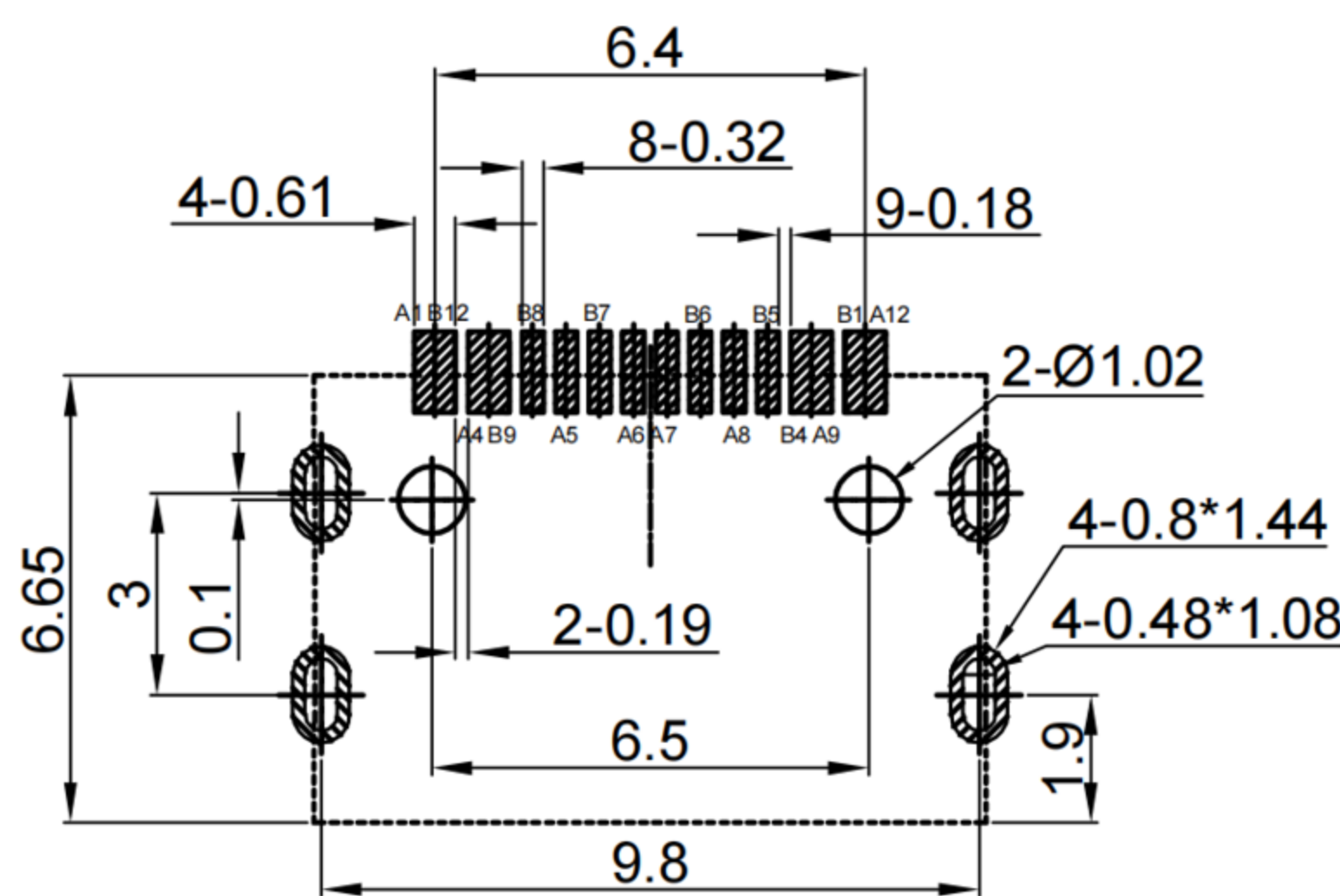
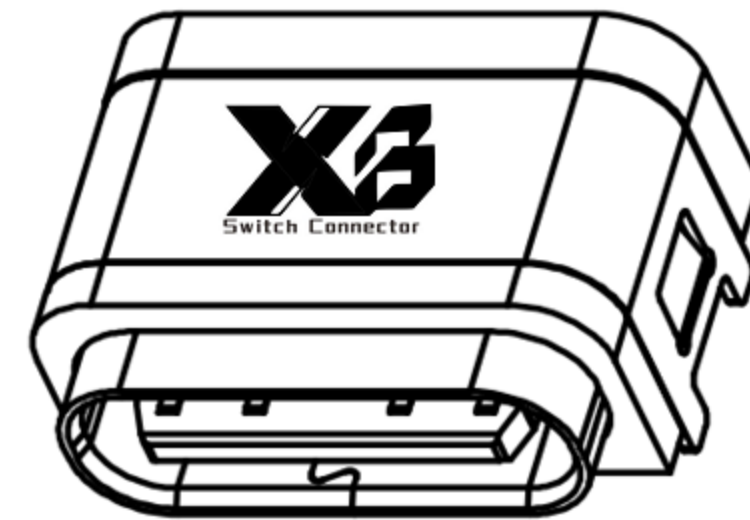
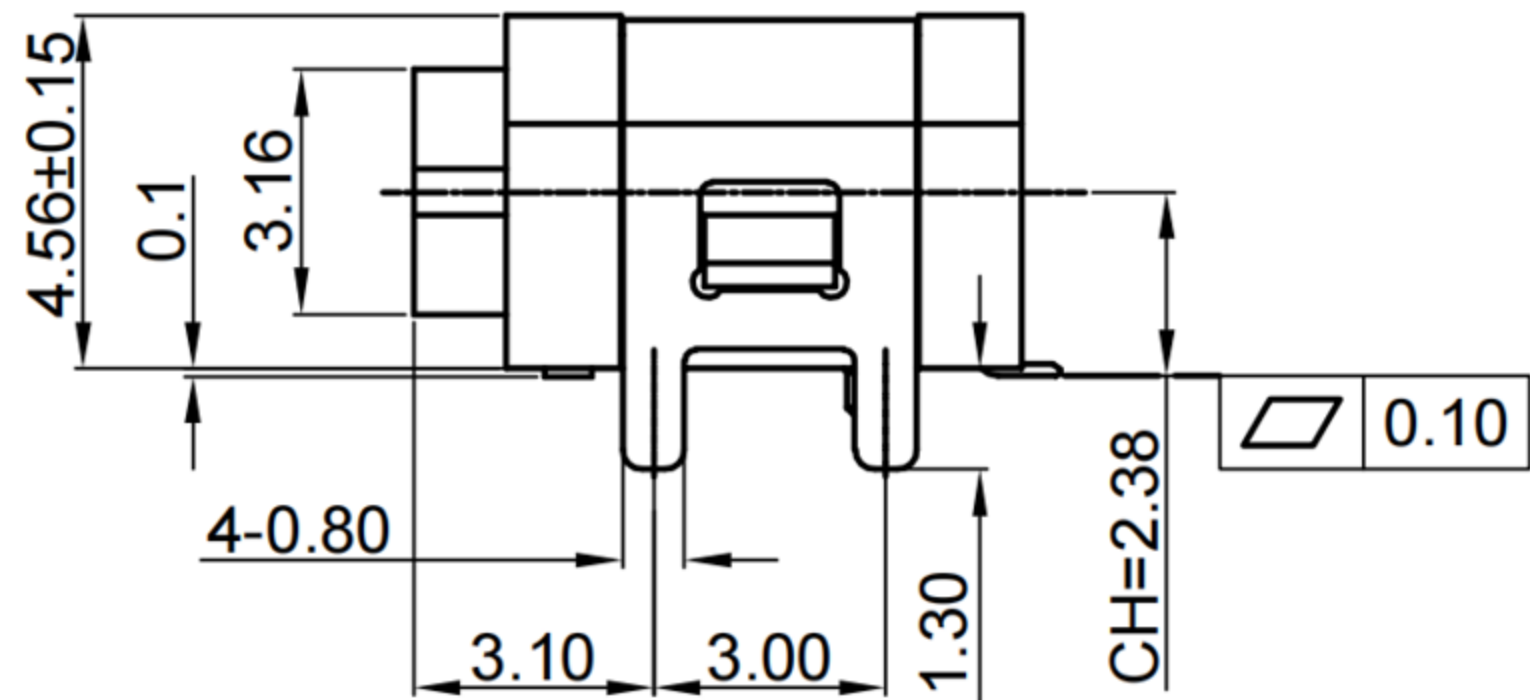
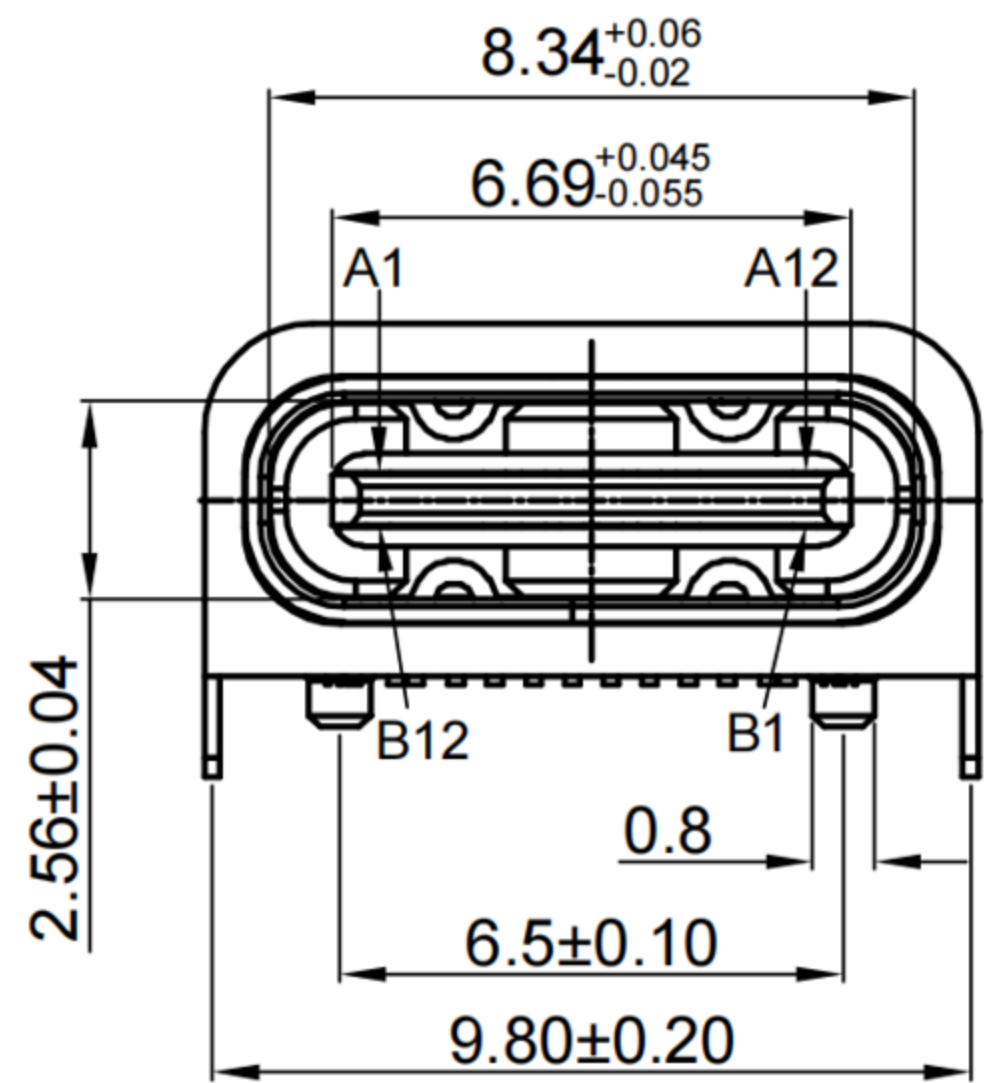
1. Connector Mate and Unmate Force
- 1.1 Mate force: 5~20 N .
- 1.2 Unmate force: 8~20 N

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



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			VBUS	CC1	D+	D-	SBU1	VBUS			GND
First			First	Second	Second	Second	Second	First			First

B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1
GND			VBUS	SBU2	D-	D+	CC2	VBUS			GND
First			First	Second	Second	Second	Second	First			First

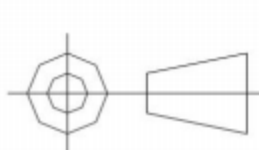


东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

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

DATE

03/10/22

CHECKED BY:

Jacky Chen

DATE

03/10/22

APPROVED BY:

Tony Kao

DATE

03/10/22

MAT'L

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

Horizontal Type-c 16P Female
SMT CH=2.38 L=7.85mm

XB-USB-C-1602-FS

SIZE

A4

VER

R1

ITEM NO.

更新圖面
DESCRIPTION

Jack
DRAWN

031022
DATE