



鍍層厚度：

Blank : 1u"

2 : 15u"

3 : 30u"

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

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 50
- Durability cycle: 10,000 cycles

Mechanical:

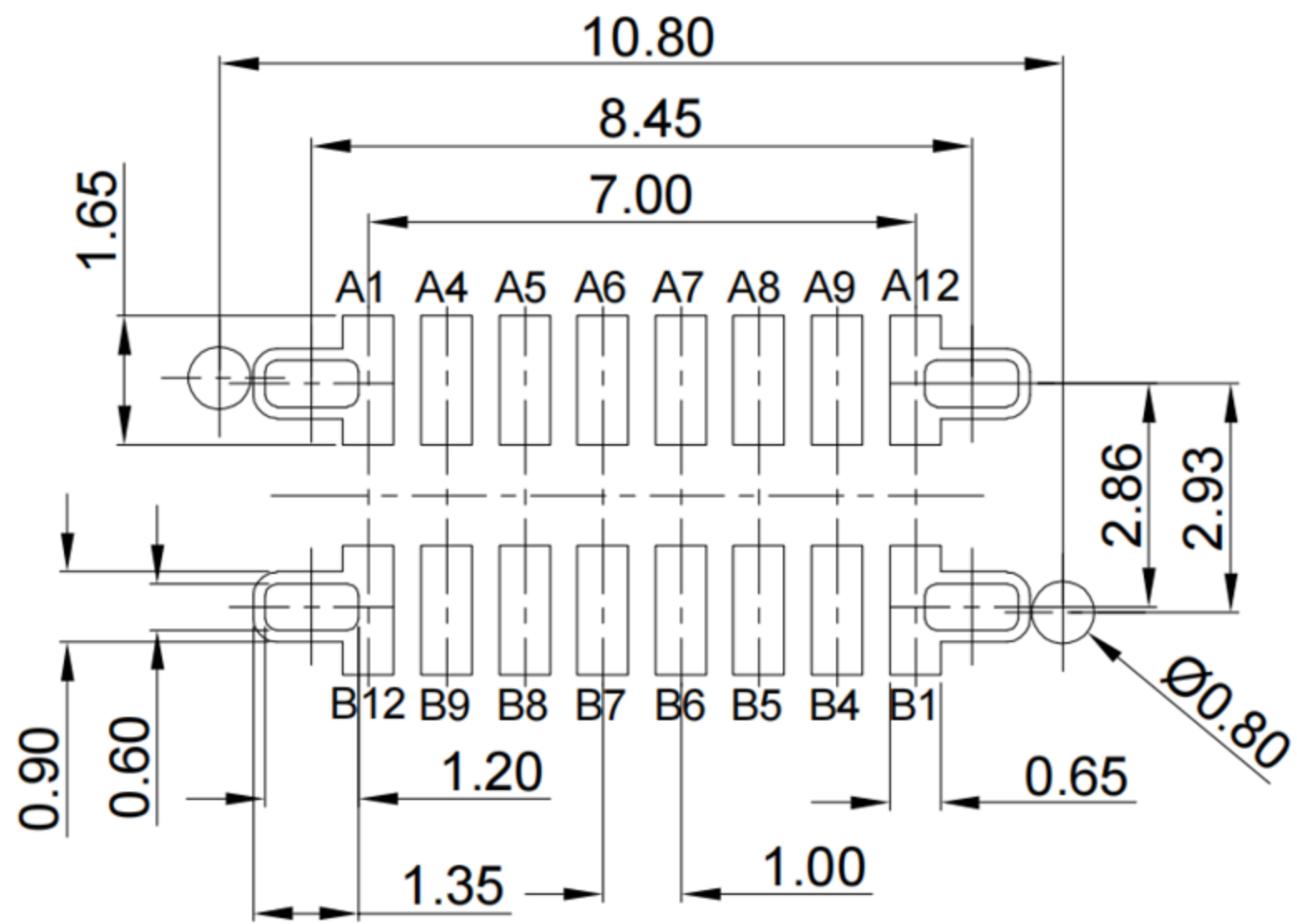
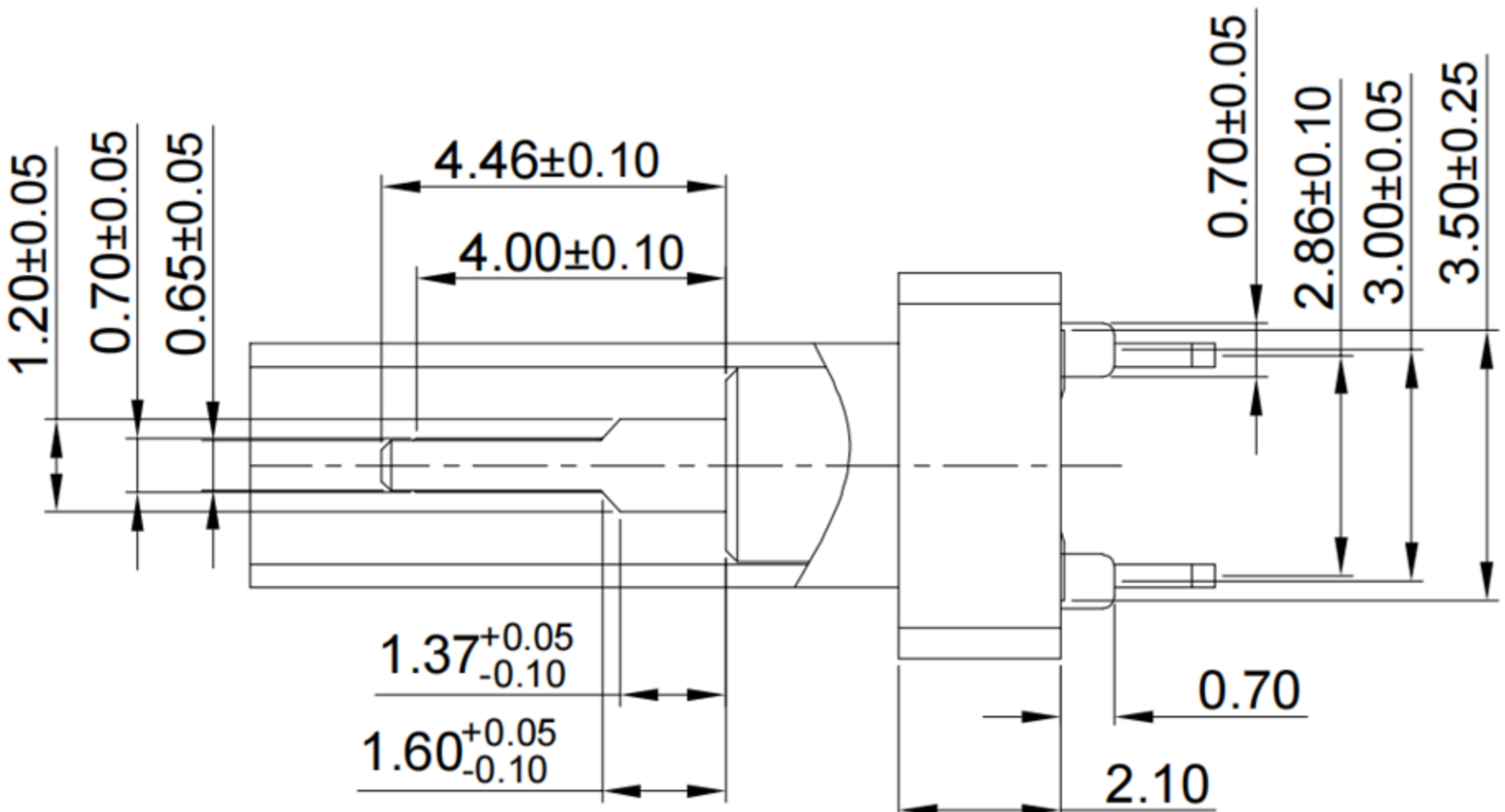
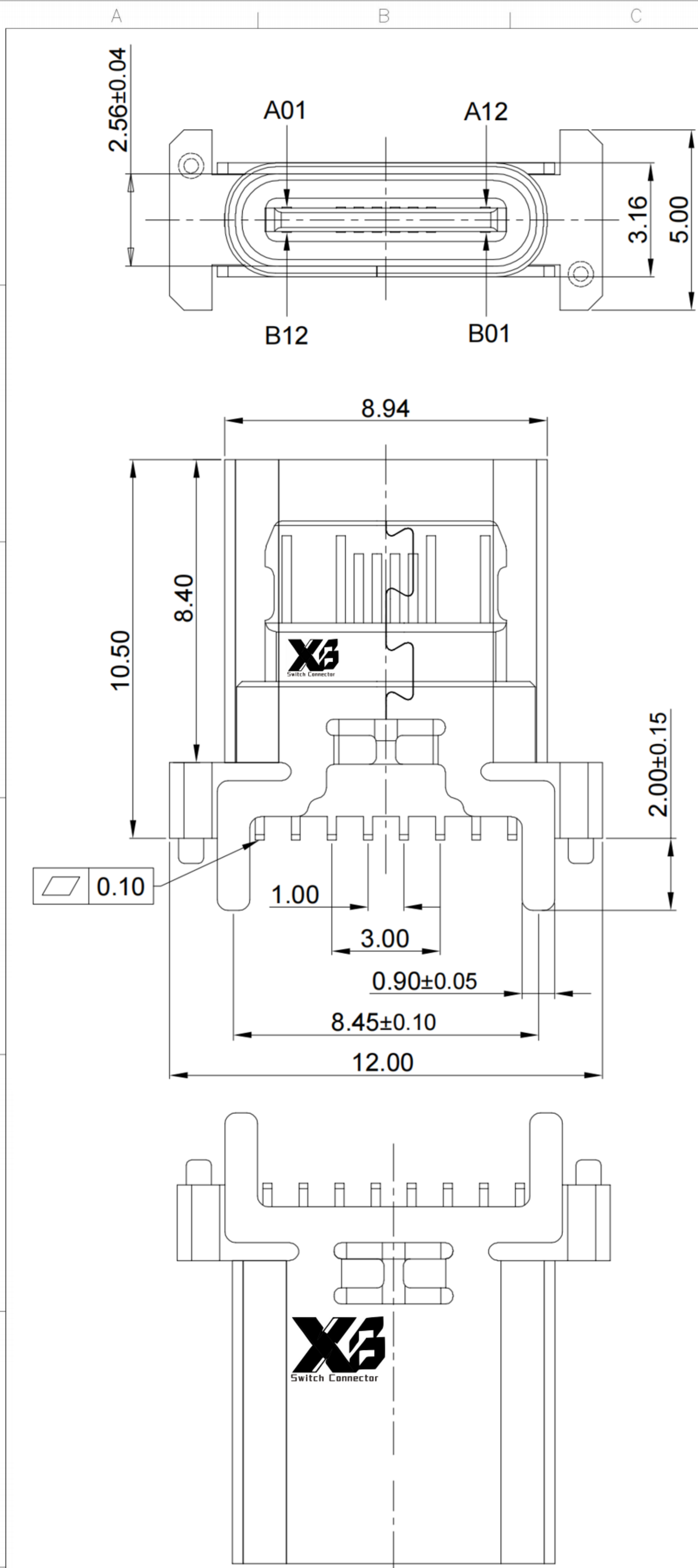
- Connector Mate and Unmate Force
 - Mate force: 5~20 N .
 - Unmate force: 8~20 N

Material:

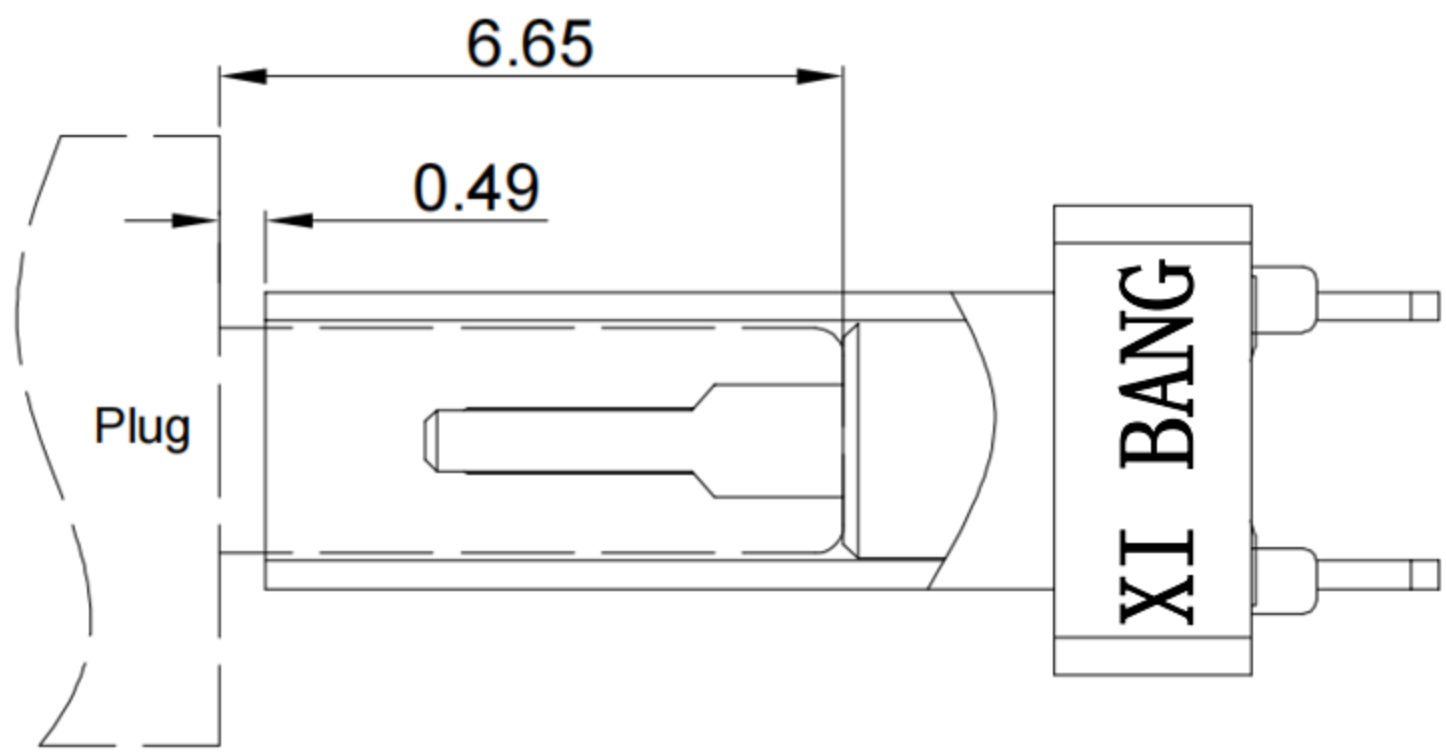
- Housing: LCP
- Contact: C18400
- Shell: SUS
- O-ring: Silicone

Finish:

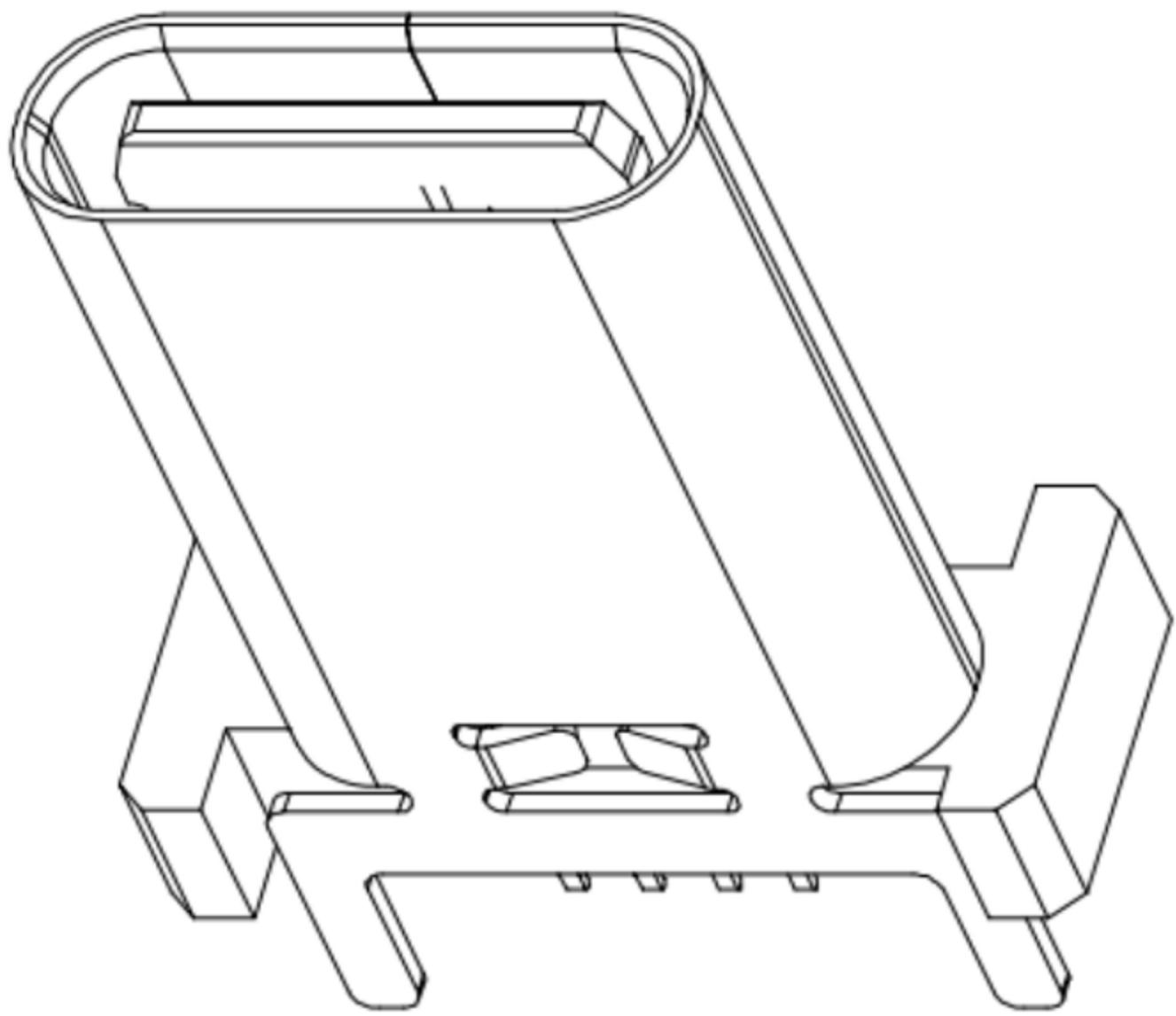
- Contact: Plated Gold in Mating Area ;
Tin Plated on Solder Balls ;
Nickel under plated overall
- Shell: Nickel under Plated surface layer



RECOMMENDED PCB LAYOUT
TOLERANCE: ±0.05



AFTER MATING

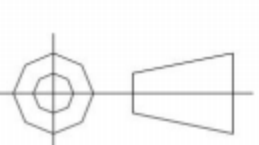


东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONICS CO., LTD.

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

MAT'L

TITLE

CONNECTOR

CHECKED BY:

Jacky Chen

DATE

03/10/22

FINISH

MODLE

Vertical Type-c 16P Female
SMT H=10.5mm

APPROVED BY:

Tony Kao

DATE

03/10/22

SCALE

1 : 1

DWG NO.

XB-USB-C-1639

SHEET NO.

1 of 1

PART NO.

SIZE

A4

VER

R1

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