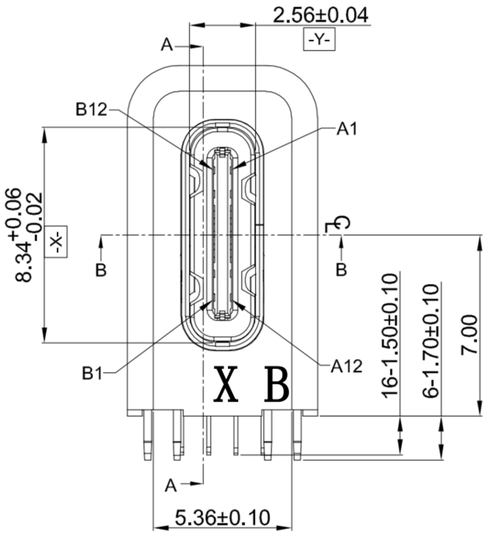
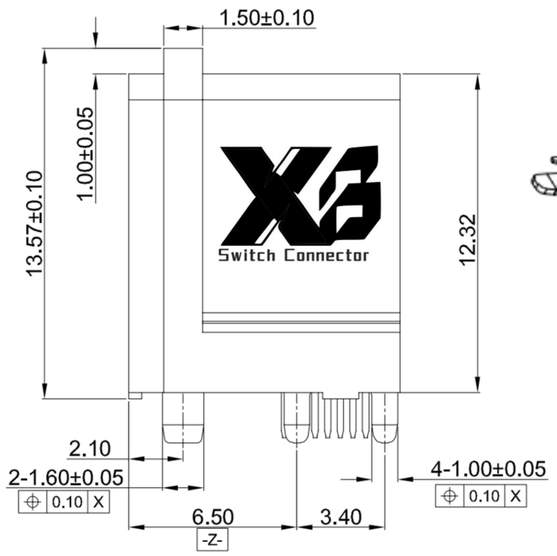
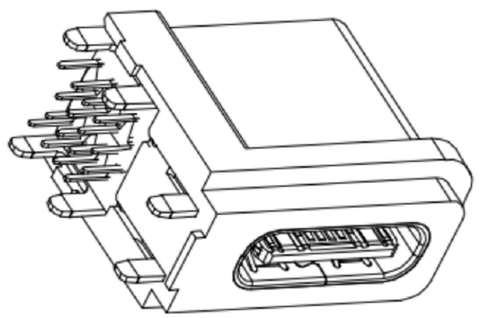
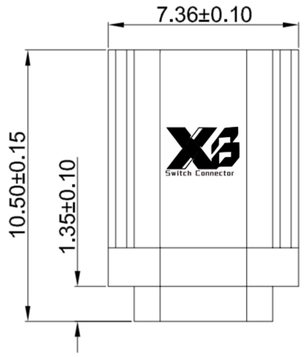
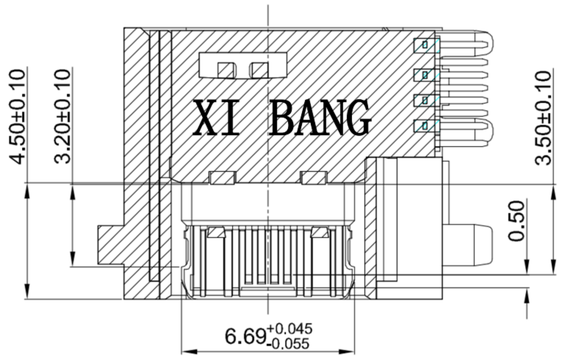


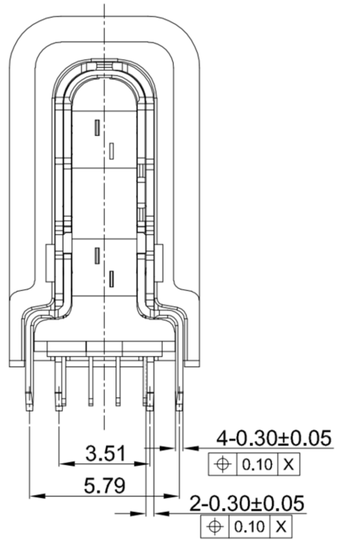


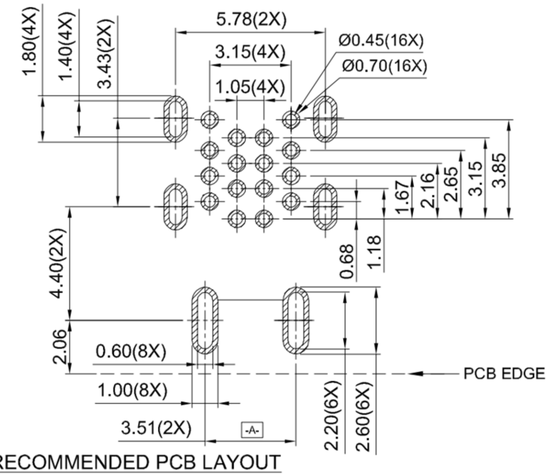




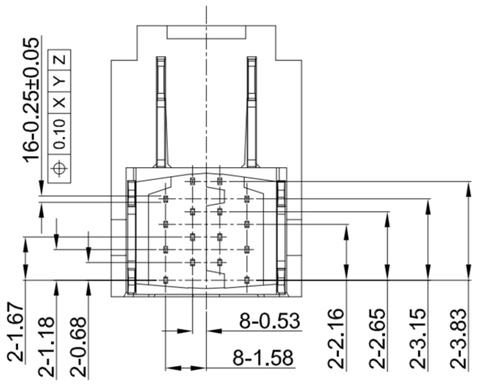


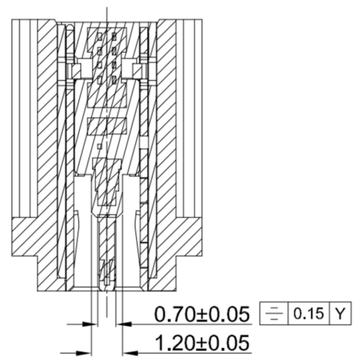
SECTION A-A



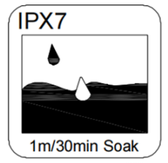


RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05





SECTION B-B



鍍層厚度 :

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

IPX7

RoHS Compliant

SPECIFICATIONS

Electrical:

1. Rating: 5.0A (V BUS&GND),0.25A(Other Pin)
2. Voltage rating: 12V 24V AC
3. C 'ontact Resistance: 40 mΩ2 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

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

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

东莞市溪榜电子有限公司
DONG GUAN XI BANG ELECTRONI CS CO., LTD.
Switch Connector

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		TITLE	CONNECTOR
FINISH		MODLE	Horizontal Type-c 16P Female DIP Flag CH=7.0 L=10.5mm
SCALE	1 : 1	DWG NO.	XB-USB-C-1617-FS
SHEET NO.	1 of 1	PART NO.	

SIZE A4 | VER R1