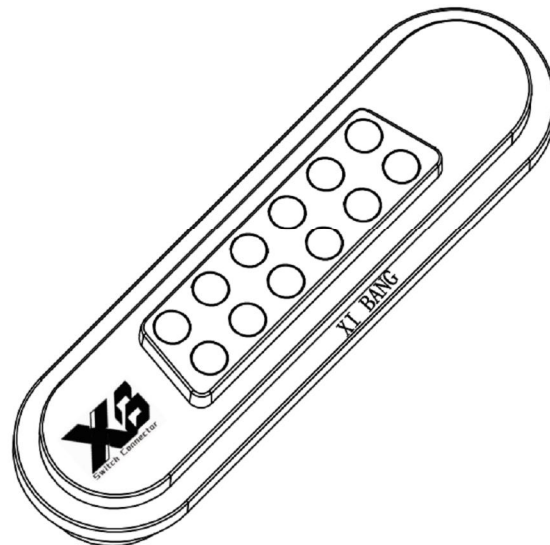
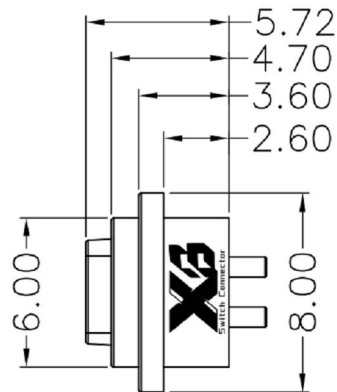
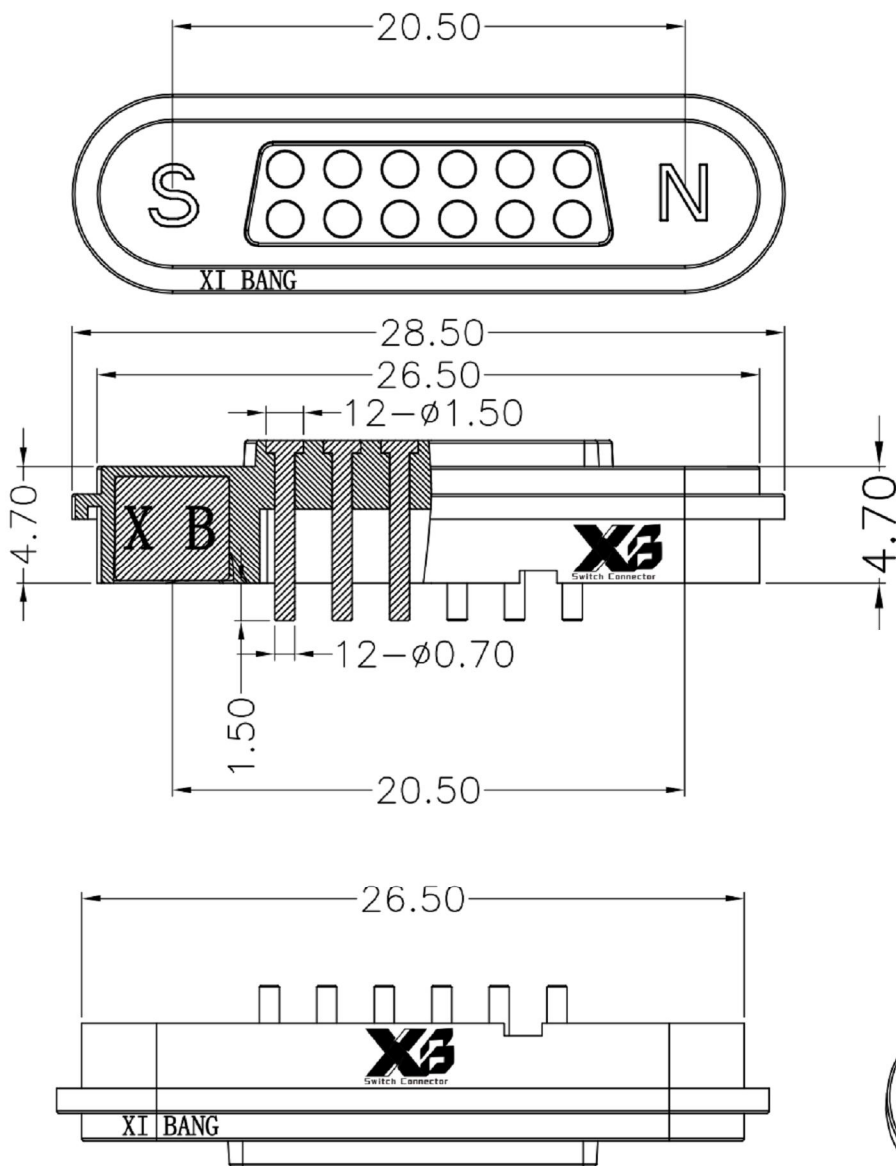


RoHS



Notes:

Characteristics:

A. Material (材料)

- 1) Housing: High Plastic BLACK (UL94V-0)
- 2) Plunger: brass c3604
- 3) Barrel: brass c3604
- 4) Spring: Stainless steel wire.

B. Plating (电镀)

- 1) Plunger: Brass, Plating 3u' Au over Min. 50u' Ni.
- 2) Barrel: Brass, Plating 3u' Au over Min. 50u' Ni.
- 3) Spring: Stainless steel wire. Plating Min. 1u' Au

C. Electrical (电气特性)

- 1) Operating voltage: 12V Max.
- 2) Operating current: 1A 3A Max.
- 3) Contact resistance: 30mohm Max. at working height (Quiescence).

D. Mechanical (机械性能)

- 1) Total stroke: 1.20mm.
- 2) Working height: 0.7mm.
- 3) Spring Force: 65gf ± 10 gf at working height
- 4) Mechanical life: 10,000 cycle min.
- 5) Don't exceed the Max. allowed compression

E. Environmental (环境特性)

- 1) Storage and operating temperature range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2) Humidity range: 10% RH to 90% RH
- 3) Salt spray: 48H

F. Others (其他)

- 1) The dimensions marked * are critical, Should be checked in production
- 2) RoHS compliant product.

Note:

1: Material (材料):

Housing: PA9T (胶芯: PA9T)

Pin: Brass C3604 (针体: 黄铜 C3604)

Magnet: NdFeB (磁铁: 钕铁硼)

2: Plating (电镀):

Pin: 3u' Au over 50u' ~ 80u' Ni

(针体: 镀金 3u', 镍底 50u' ~ 80u'.)

Magnet: Zc plated (磁铁: 镀锌)

3: Electrical (电气特性):

Insulation Resistance: 1,000M Ω minimum.
(绝缘电阻: 1,000M Ω 以上)

Dielectric Withstand Voltage: 500VAC/minute.
(抗击电压: 500VAC/minute)

4: Work Temperature (工作环境):

Withstanding Higt Temperature: 280 $^{\circ}\text{C}$

Operational Temperature: $20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

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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 $\pm 0.3^{\circ}$

3RD. ANGEL'S



UNITS MM

DRAWN BY: DATE
GAO. PENG 2024/5/26

CHECKED BY: DATE
HE. LONG. FEI 2024/5/26

APPROVED BY: DATE
PANG. DONG 2024/5/26

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	POGO PIN
SCALE	1 : 1	DWG. NO.	XB-PGC-CT-23-12P-M
SHEET NO.	1 of 1	PART NO.	Thimble Connector
		SIZE	A4
		VER	R

ITEM NO. DESCRIPTION DRAWN DATE