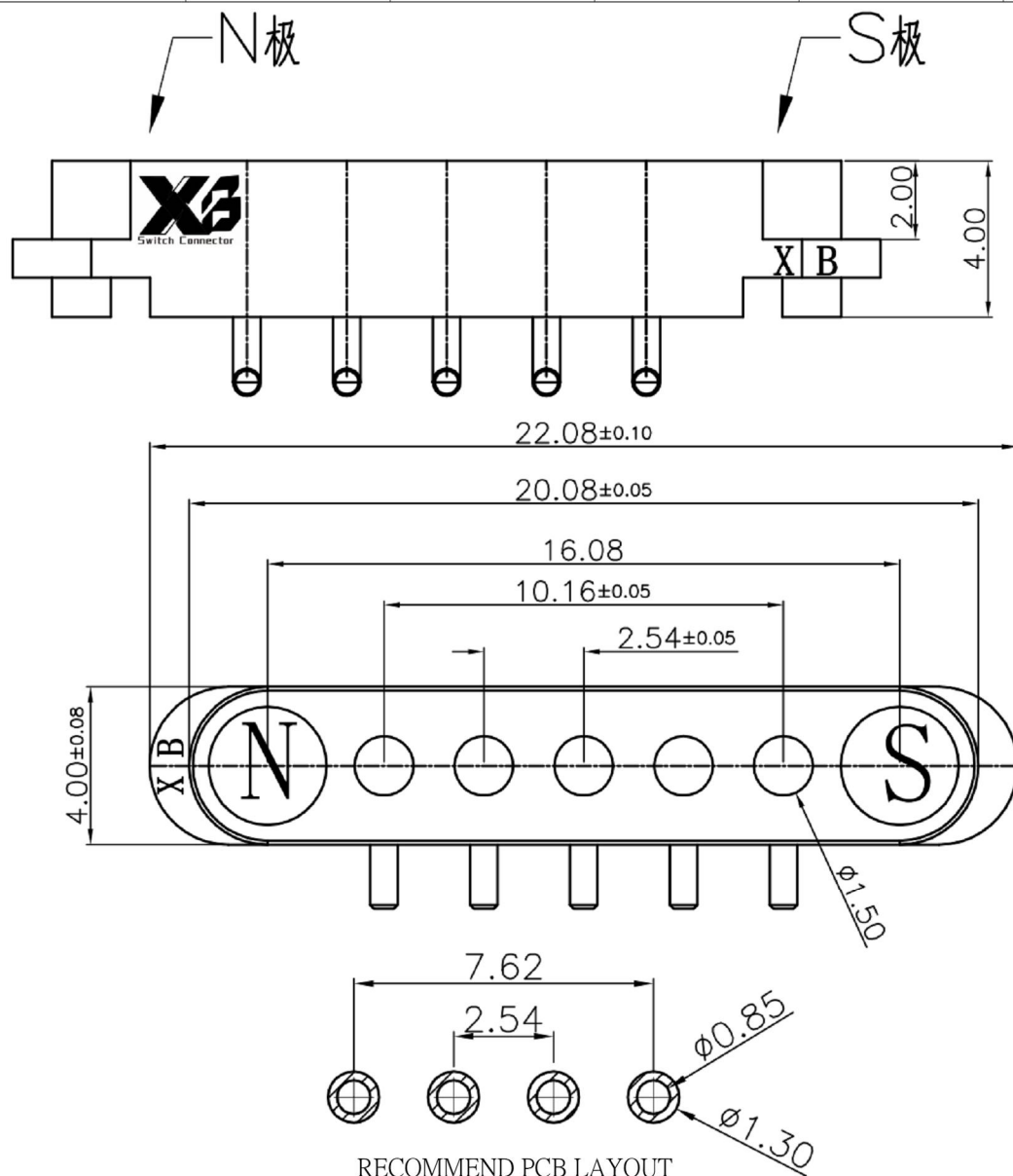




Notes:

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 (机械特性):

- 1) Total stroke: 1.20mm.
- 2) Working height: 0.7mm.
- 3) Spring Force: $65\text{gf} \pm 10\text{gf}$ 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 Hight Temperature: 280 $^{\circ}\text{C}$ Operational Temperature: $20^{\circ}\text{C} \sim 70^{\circ}\text{C}$

The material contained in this drawing is the property of XiBang. Any use other than that specifically authorized by XiBang is prohibited. The above drawing is subjected to change for improvement without prior notice.



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

FINISH

SCALE

SHEET NO.

TITLE

MODLE

DWG NO.

PART NO.

CONNECTOR

POGO PIN

XB-PGC-CT-W-250M-5P

Thimble Connector

SIZE

A4

VER

R