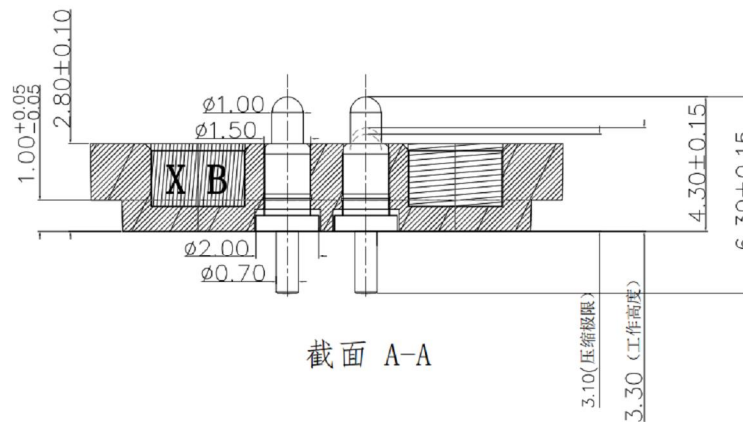
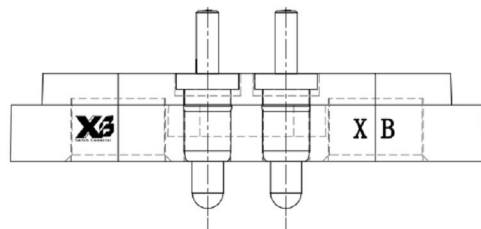
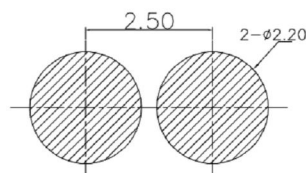
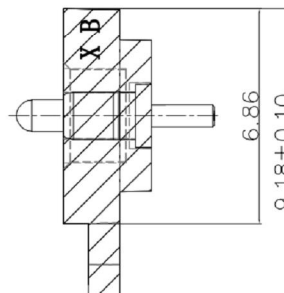
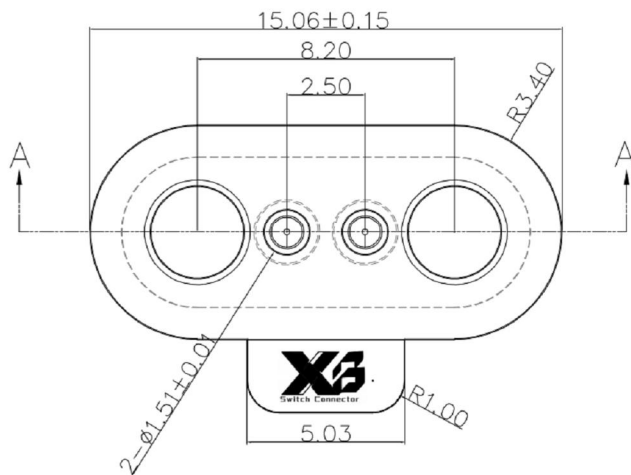




截面 A-A



RECOMMENDED PCB LAYOUT

Note:

1: Material(材料):

Housing: PA9T(胶芯:PA9T)

Barrel: Brass C3604 (针管: 黄铜 C3604)

Plunger: Brass C3604 (针管: 黄铜 C3604)

Spring: SUS304 (弹簧: SUS304)

Magnet: NdFeB (磁铁: 钕铁硼)

2: Plating(电镀):

Barrel: 3u' Au over 50u'~80u' Ni(针管: 镀金3u', 镍底50u'~80u'.)

Plunger: 3u' Au over 50u'~80u' Ni (针头: 镀金3u', 镍底50u'~80u'.)

Magnet: Ni plated (镀镍)

Spring: Gold plated (弹簧: 镀金)

3: Electrical(电气特性):

Rated Current & Voltage: DC 12V;1A (额定电压&电流: 直流12V,1A)

Contact Resistance: 50 mohm Max. at working height.

接触电阻: 最大50毫欧 (在工作高度状态下)

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

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

4: Mechanical(机械性能):

Force: 30g±20% at working height. (30g±20% 在工作高度)。

Durability: 10,000 cycles(min) (寿命: 10000次)

5: WorkTemperature(工作环境):

Withstanding Higt Temperature: 280℃

Operational Temperature: -20℃~ +70℃

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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 ±0.3°

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-G-250D-2P

Thimble Connector

SIZE
A4
VER
R

ITEM NO. DESCRIPTION DRAWN DATE