

技术规范:

1. 材质和电镀:
针头: 黄铜C3604, 镀镍 (50-100) 唛, 镀金3唛
针筒: 黄铜C3604, 镀镍 (50-100) 唛, 镀金3唛
弹簧: 不锈钢 (SUS304)
2. 电气性能:
工作电压: DC/12V 最大
工作电流: 1.5A 最大
接触阻抗: 100mΩ 最大 (工作状态/静态)
当电流大于1A时, 则需要增加延时电路 (3秒)
3. 机械性能:
最大行程: 1.0mm
工作高度: 2.33±0.1mm
工作弹力: 80G±20%
机械寿命: 10000次循环 (最少)
4. 环境性能
温度范围: -40°C~+85°C
湿度范围: 10% RH to 90%RH
盐雾测试: 中性盐溶液测试48H (最大)
产品需承受高温260°C10秒
5. 环保标准: 所有零件, 工艺均符合ROHS2.0标准
6. 尺寸标注: 未注尺寸按±0.03管控, 带▼为重点管控尺寸
7. 外观标准: 符合《顺为科技》外观检测标准 (无拔锋, 无油污, 无锈蚀, 氧化), 或以限度样品或客户标准管控承认
8. 包装方式: SMT载带包装-pcs/卷

NOTE

- 1.Material
Plunger: Brass
Barrel: Brass
Spring: SUS
Housing: PA46
- 2.Plating
Plunger: Au over NI
Barrel: Au over NI
- 3.Electrical
Rated current & voltage: DC 12V; 2.0A Max.
- 4.Mechanical
Spring force: 60g±20% at normal working height
Durability: 10,000 cycles(minimum)
- 5.To ensure the best usage,please operateit based on the working height Based on the engineering drawings,shall not exceed the maximum allowed compression
- 6.To avoid arcing issue, The adaptor startto power supply after connector mated fully.



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: 04/01/21

CHECKED BY: Jacky Chen
DATE: 04/01/21

APPROVED BY: Tony Kao
DATE: 04/01/21

MAT'L		TITLE	CONNECTOR
FINISH		MODLE	POGO PIN
SCALE	1 : 1	DWG NO.	XB-PGC-D-1-11
SHEET NO.	1 of 1	PART NO.	Thimble Connector
		SIZE	A4
		VER	R

ITEM NO. DESCRIPTION DRAWN DATE