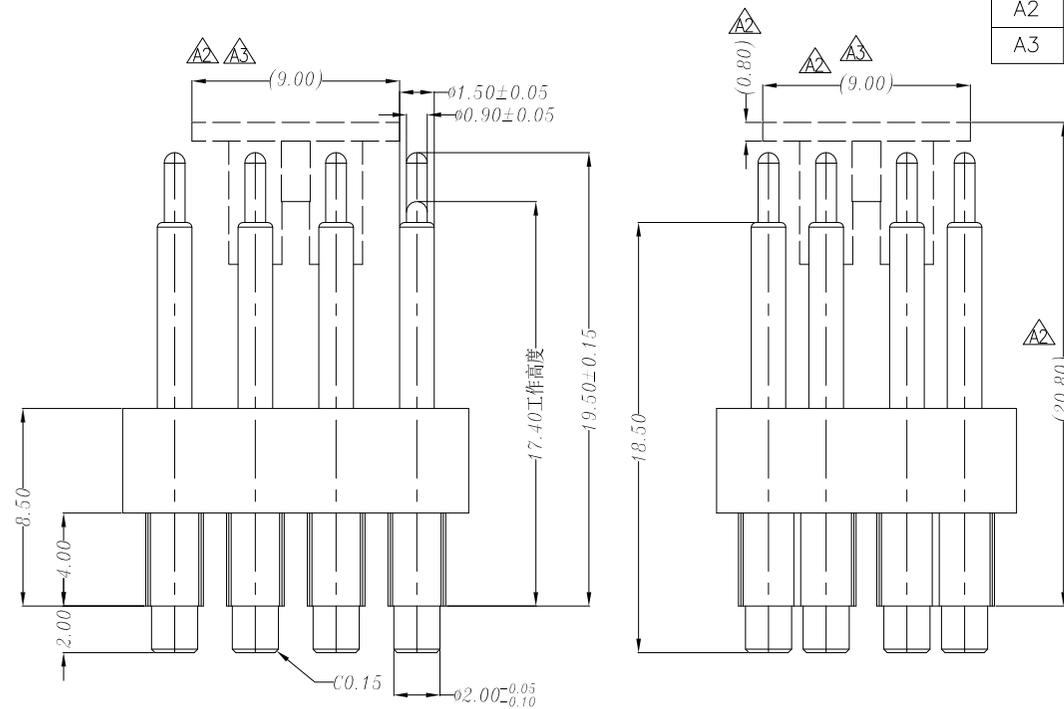


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/10/11	Hanson
A1			ADD RECOMENMDED PCB LAYOUT	2022/10/11	Hanson
A2			ADD CAP	2022/11/28	Hanson
A3			CHANGE CAP	2022/12/29	Hanson



技术要求:

1. 材料

- 针轴: 黄铜, 表面镀金10u", 底层镀镍60-100u"
- 针管: 黄铜, 表面镀金10u", 底层镀镍60-100u"
- 弹簧: 不锈钢304
- 胶芯: PA9T, UL94 V-0 黑色
- 吸取盖: 高温塑料, UL94 V-0 黑色

2. 机械性能

- 单针弹力: 在工作高度, 弹力60g±15g
- 机械寿命: 10,000次

3. 电气特性

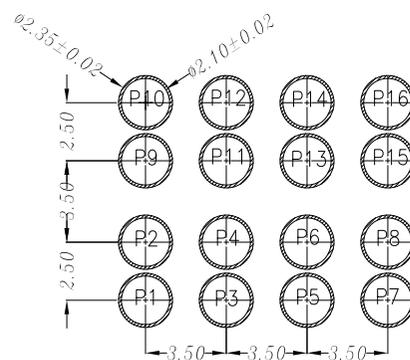
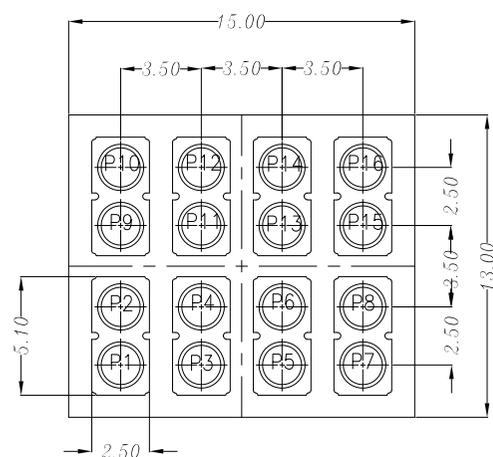
- 额定电压&电流: DC 12V, 2.0A
- 接触阻抗: 100毫欧最大

4. 环境

- 工作温度范围: -40 to +85°C
- 工作湿度范围: 10%RH-90%RH
- 焊锡耐热性: 260°C±5'10s±2s
- 符合RoHS2.0&HF 环保要求

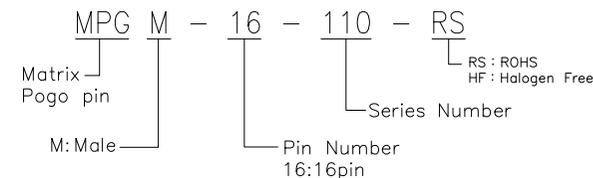
5. 载带包装

- 6. 为保证最佳的使用状态, 请在工程图规定的压缩行程范围内使用, 不能超过最小的工作高度



△ RECOMENMDED PCB LAYOUT
Tolerance: ±0.02

MATRIX PART NO:



Matrix Electronics Co.,Ltd

TOLERANCE: 0~6.0 ±0.10mm >6~30 ±0.20mm >30~120 ±0.30mm >120 ±0.50mm ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2022/12/29	PART NAME: Pogopin conn	
	CHECKED BY: Vicky Hsieh	DATE : 2022/12/29	PART NO.	MPGM-16-110-RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2022/12/29	MOLD NO.	NA
	APPROVED BY2: Richard Hsieh	DATE : 2022/12/29	DRAW NO.	SHEET NO. 1 OF 1