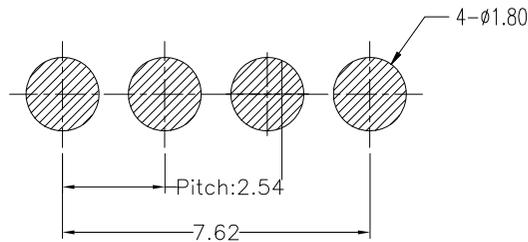
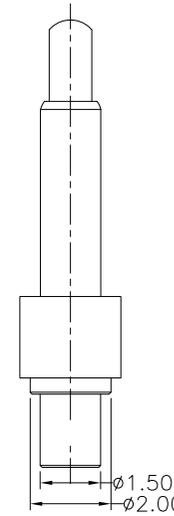
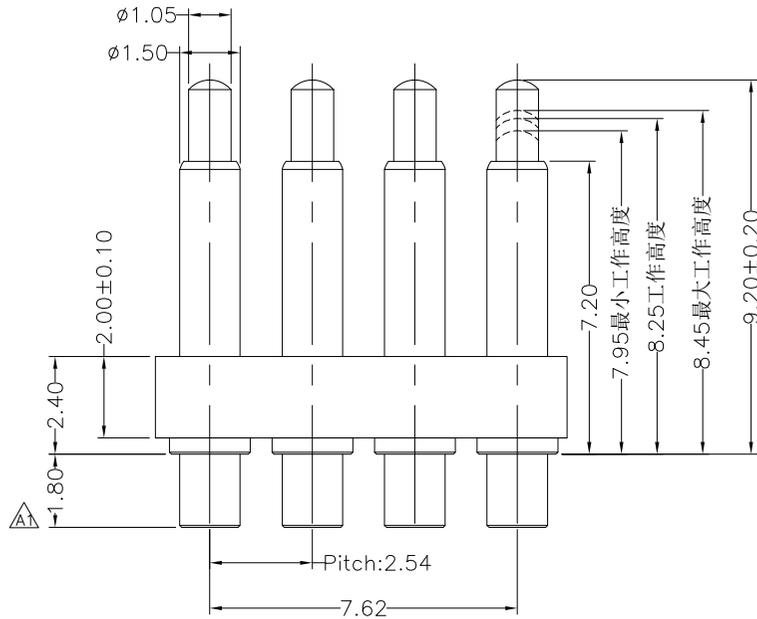
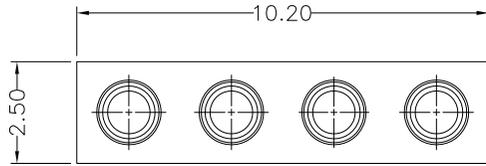


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2023/03/21	Hanson
A1			Size Change	2024/11/01	Wu Zonlin



RECOMMENDED PCB LAYOUT  
Tolerance: ±0.05mm

## 技术要求:

### 1. 材料

针轴: 无铅铜C6801, 表面镀金最少5u", 底层镀镍50-120u"

针管: 无铅铜C6801, 表面镀金最少5u", 底层镀镍50-120u"

弹簧: 不锈钢304

胶芯: PA9T, 黑色, UL94 V-0

### 2. 机械性能

单针弹力: 在工作高度时, 弹力70±20g

机械寿命: 在工作高度时正向压缩10, 000次

### 3. 电气特性

额定电压&电流: DC 30V, 5A

接触阻抗: 50毫欧最大(静态)

### 4. 环境

工作温度范围: -40 to +85°C

工作湿度范围: 10%RH to 90%RH

焊锡耐热性: 260°C±5°时间: 10s±2s

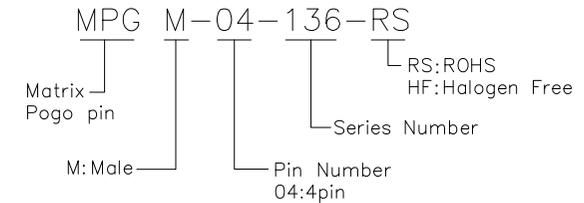
盐雾测试: 48H

符合RoHS2.0&Reach&HF环保要求

### 5. 袋装

6. 为保证最佳的使用状态, 请在工程图规定的工作高度范围内使用

MATRIX PART NO:



Matrix Electronics Co., Ltd				
TOLERANCE: 0~6 ±0.10mm >6~30 ±0.20mm >30~120 ±0.30mm >120 ±0.50mm ANGLE: ±5°	DESIGN BY : Wu Zonlin	DATE : 2024/11/01	PART NAME: Pogopin conn	
	CHECKED BY: Hanson Huang	DATE : 2024/11/01	PART NO.	MPGM-04-136-RS
	APPROVED BY1: Richard Hsieh	DATE : 2024/11/01	MOLD NO.	NA
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2024/11/01	DRAW NO.	
SCALE:1:1 SIZE:A4			SHEET NO.	1 OF 1