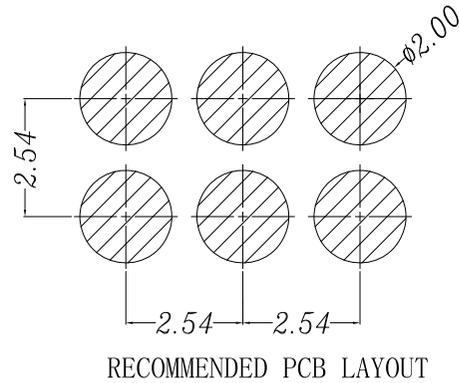
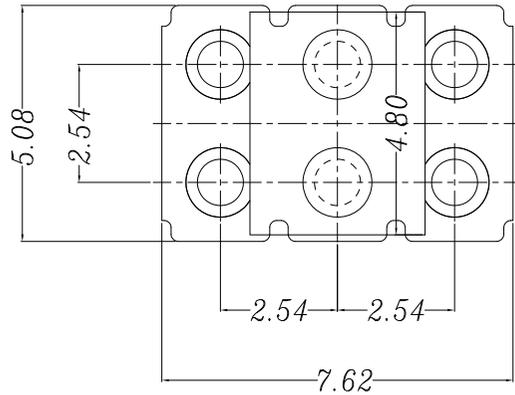


GP Component

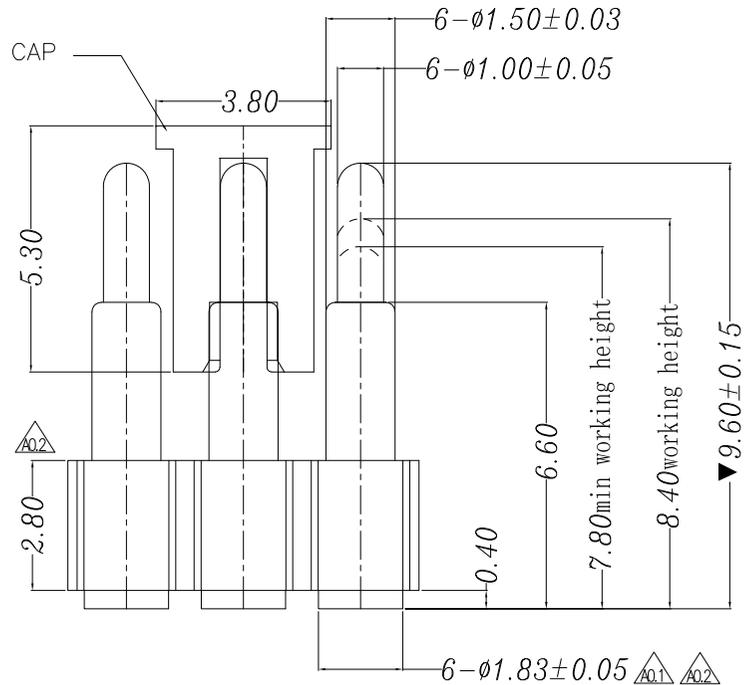
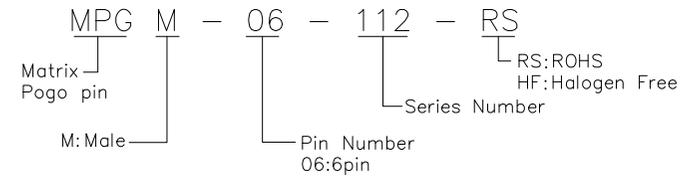
REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/12/01	Hanson
A0.1			Change DIM.	2023/02/15	Hanson
A0.2			Change DIM.	2023/03/23	Hanson



Notes:

- Material
Plunger&Barrel: Lead free Brass ,Plated 10u”Au over 60–120u”Ni
Spring: SUS304
Housing:PA9T Black UL94 v-0
- Mechanical
Full stroke: 1.80mm
Spring force: 80g±20g at working height
Durability: 10, 000Cycles min at working height
- Electrical
Rated Current&Voltage: DC 12V,2.0A
Contact Resistance: 50mohm max at working height(quiescence).
When the current is greater than 1A then need to increase the time delay circuit (3 second)
- Operating Temperature: -40 to +85°C
Humidity Range:10%RH to 90%RH
Solder Temperature: 260°C±5’10s±2s
Lead free ,RoHS compliant
- Packing:Reel&Carrier
- To ensure the best usage,please operate it based on the working height
Based on the engineering drawings ,shall not exceed the maximum allowed stroke

MATRIX PART NO:



Matrix Electronics Co., Ltd				
TOLERANCE: 0~6.0 ±0.10mm >6~30 ±0.20mm >30~120 ±0.30mm ANGLE: ±3°	DESIGN BY : Hanson Huang	DATE : 2023/03/23	PART NAME: Pogopin com	
	CHECKED BY: Vicky Hsieh	DATE : 2023/03/23	PART NO.	MPGM-06-112-RS
	APPROVED BY1: Richard Hsieh	DATE : 2023/03/23	MOLD NO.	NA
	UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2023/03/23	DRAW NO.
SCALE:1:1	SIZE:A4		SHEET NO.	1 OF 1