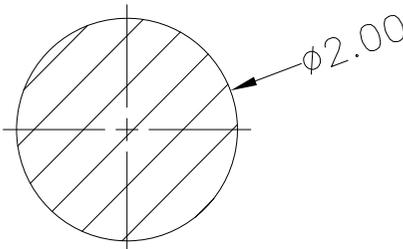
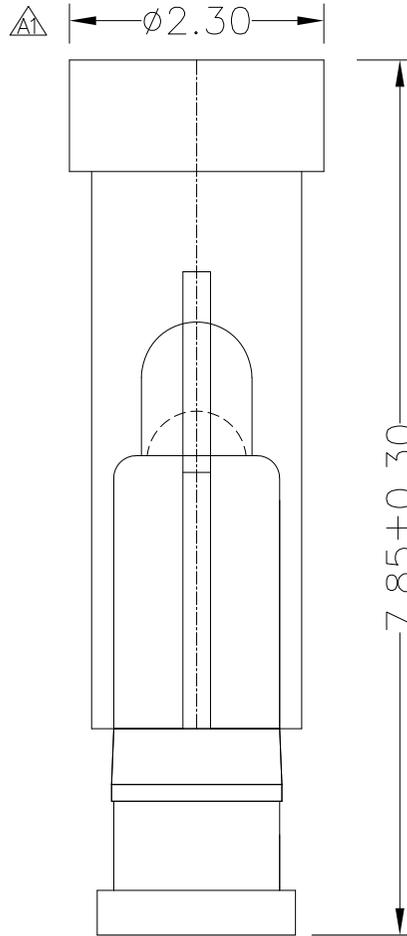
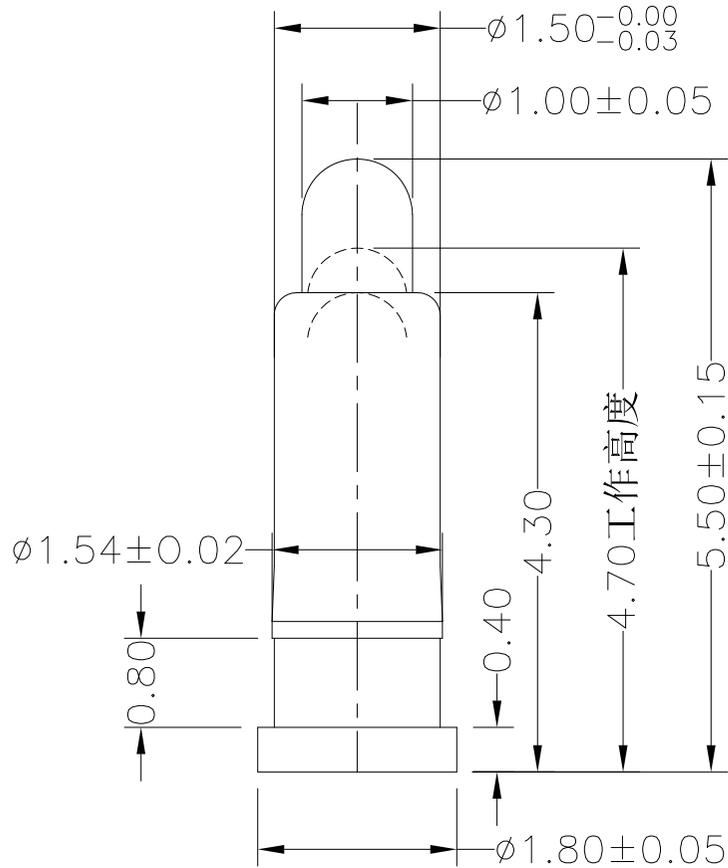


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2022/11/29	Hanson
A1			Change DIM.	2023/06/21	Hanson

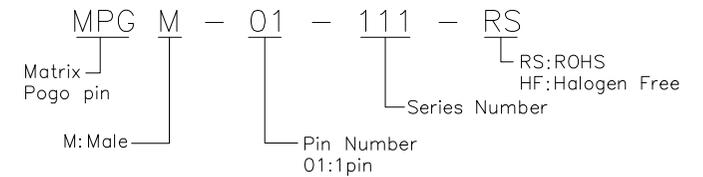


RECOMMENDED PCB LAYOUT
Tolerance: ± 0.05

Notes:

- Material
Plunger&Barrel: Lead free Brass ,
Plated 5u"Au over 60-120u"Ni
Spring: SUS304
- Mechanical
Full stroke: 1.20mm
Spring force: 70g \pm 15g at working height
Durability: 10,000Cycles min
- Electrical
Rated Current&Voltage: DC 12V,2.0A
Contact Resistance: 20mohm 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 \pm 5° 20s \pm 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 ± 0.10 mm >6~30 ± 0.20 mm >30~120 ± 0.30 mm ANGLE: $\pm 3^\circ$	DESIGN BY : Hanson Huang	DATE : 2023/06/21	PART NAME: Pogopin com	
	CHECKED BY: Vicky Hsieh	DATE : 2023/06/21	PART NO.	MPGM-01-111-RS
 UNIT: mm [inch]	APPROVED BY1: Richard Hsieh	DATE : 2023/06/21	MOLD NO.	NA
	SCALE:1:1	APPROVED BY2: Richard Hsieh	DATE : 2023/06/21	DRAW NO.
SIZE:A4			SHEET NO.	1 OF 1