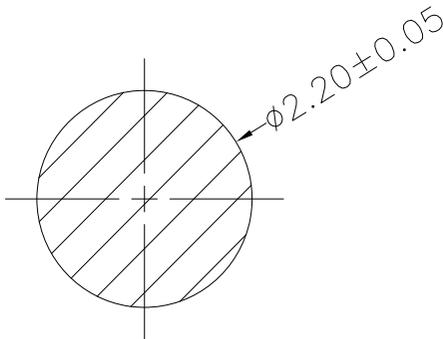
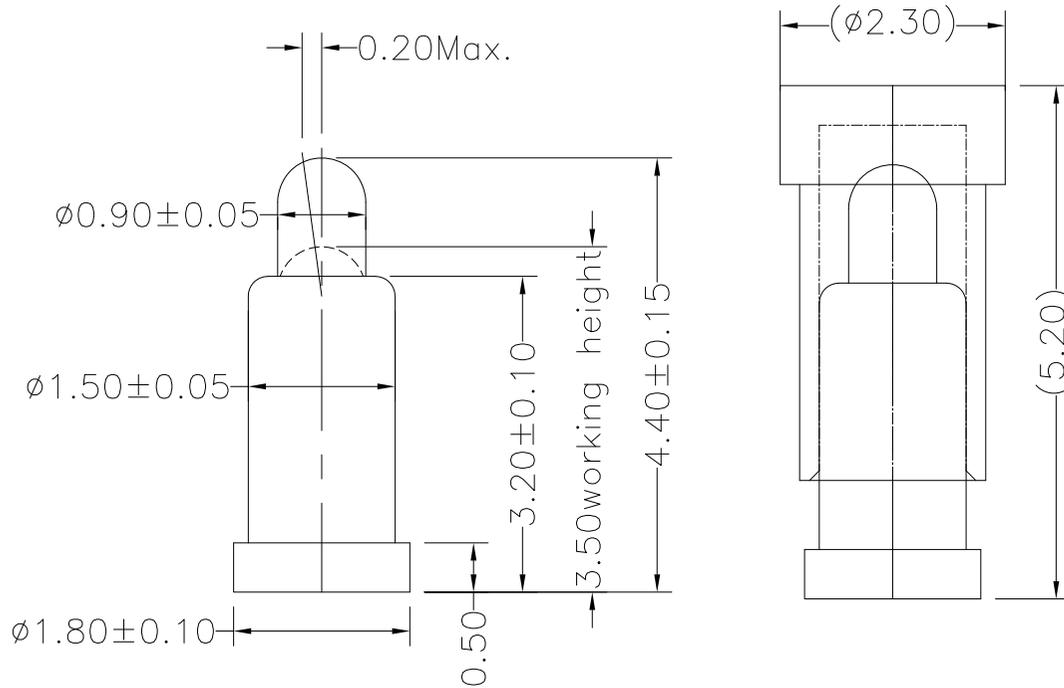


GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
A0			Initial	2024/04/08	Wu ZonLin

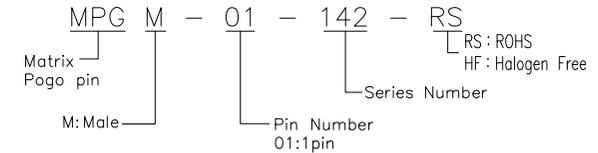


REFERENCE LAND PATTERN

Notes:

- Material
 - Plunger: Lead free Brass ,
Plated Au 1um min. over 3um Ni min.
 - Barrel: Lead free Brass ,
Plated Au 0.05um min. over 2um Ni min.
 - Spring: SUS304,
Plated Au 0.05um min. over 0.05um Ni min.
 - CAP:PA46 UL94 V-0 Black
- Mechanical
 - Full Stroke:1.20mm
 - Normal Spring force: 1.08N±0.25N at working height
 - Durability: 10, 000Cycles min
- Electrical
 - Rated Current&Voltage: DC 12V,1.0A
 - Contact Resistance: 50mohm max at
Working height(quiessence)
- Operating Temperature: -40 to +85°C
Humidity Range:10%RH to 90%RH
Solder Temperature: 260°C±5°10s±2s
RoHS&Reach 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 ±0.10 >6~30 ±0.20 >30~120 ±0.30 >120 ±0.50 ANGLE ±5°	DESIGN BY : Wu ZonLin	DATE : 2024/04/08	PART NAME: Pogopin conn
	CHECKED BY: Huang Hanson	DATE : 2024/04/08	PART NO. MPG-01-142-RS
	APPROVED BY1: Richard Hsieh	DATE : 2024/04/08	DRAW NO.
UNIT: mm [inch]	APPROVED BY2: Richard Hsieh	DATE : 2024/04/08	SHEET NO. 1 OF 1
SCALE:1:1	SIZE:A4		