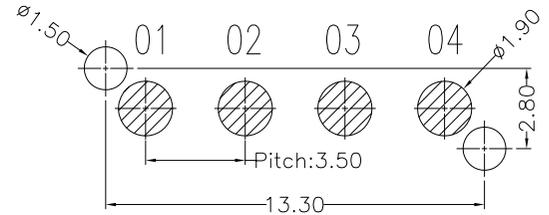
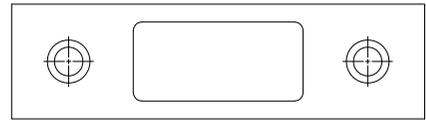
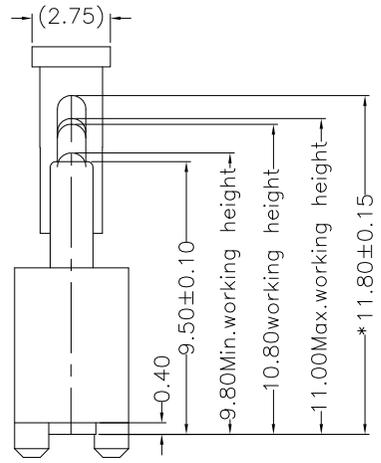
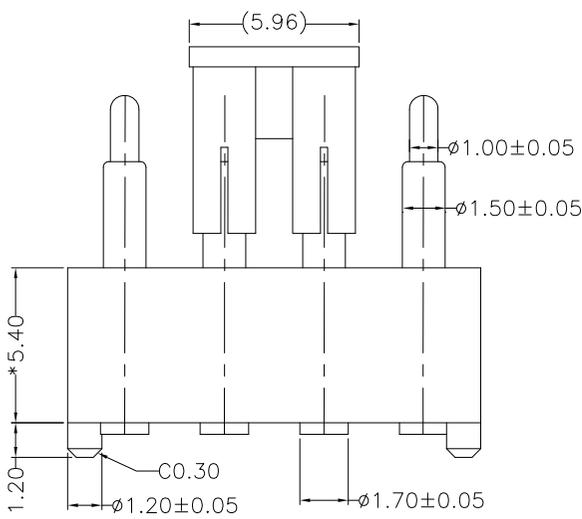
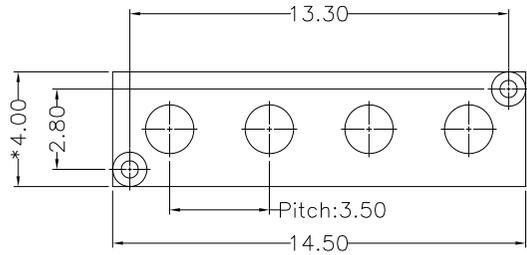


GP Component

| REV. | ECN NO. | LOCATIONS | DESCRIPTION | DATE | DESIGN |
|------|---------|-----------|-------------|------------|-----------|
| A0 | | | Initial | 2025/03/07 | Wu Zonlin |

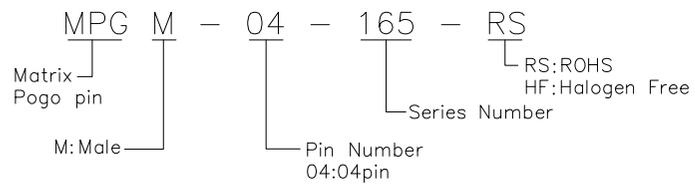


RECOMMENDED PCB LAYOUT
Tolerance: ±0.05mm

Notes:

- Material**
Plunger&Barrel: Lead free Brass ,Plated Gold flash(1u"min.) over 50-120u"Ni
Spring: SUS304
Housing:PA9T Black UL94 v-0
CAP:High Temp.Plastics Black UL94 v-0
- Mechanical**
Normal Spring force: 100g±20g at working height
Durability: 10, 000Cycles min
- Electrical**
Rated Current&Voltage: DC 12V,2.0A
Contact Resistance: 100mohm max at working height(quiescence)
- Operating Temperature:** -40 to +85°C
Humidity Range:10%RH to 90%RH
Solder Temperature: 260°C±5°10s±2s
Salt Spray:24H,No Corrosion
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 min.working height
- "*"is the key dimensions .

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 : | DATE : | PART NAME: | |
| | Wu Zonlin | 2025/03/07 | Pogopin conn | |
| UNIT: mm [inch] SCALE:1:1 SIZE:A4 | CHECKED BY: | DATE : | PART NO. | MPGM-04-165-RS |
| | Hanson Huang | 2025/03/07 | MOLD NO. | NA |
| APPROVED BY1: | DATE : | DRAW NO. | SHEET NO. 1 OF 1 | |
| Richard Hsieh | 2025/03/07 | | | |
| APPROVED BY2: | DATE : | | | |
| Richard Hsieh | 2025/03/07 | | | |