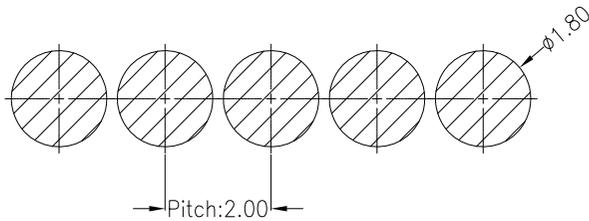
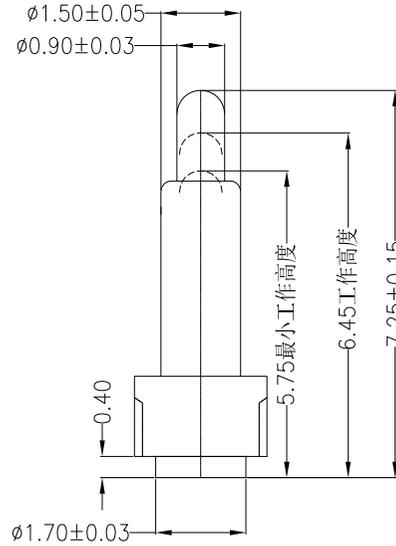
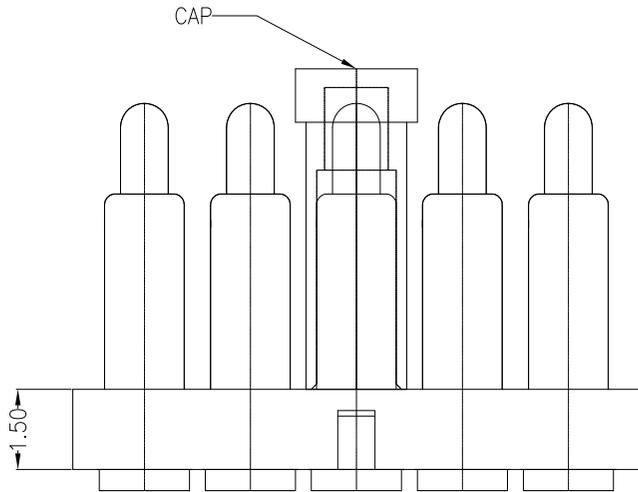
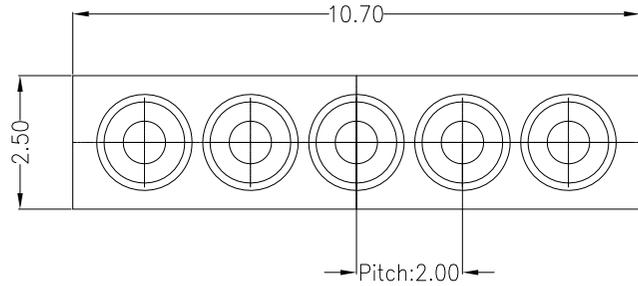


# GP Component

REV.	ECN NO.	LOCATIONS	DESCRIPTION	DATE	DESIGN
AO			Initial	2022/02/01	Hanson

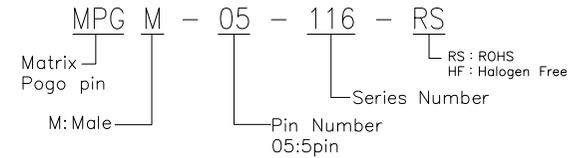


RECOMMENDED PCB LAYOUT  
Tolerance:  $\pm 0.05\text{mm}$

### Notes:

- Materials:
  - Plunger: Brass C3064, Plating 10u"min Au over 50-120u"Ni min
  - Barrel: Brass C3064, Plating 10u"min Au over 50-120u"Ni min
  - Spring: SUS304
  - Housing: PA9T Black UL94 v-0
- Spring Force:  $80 \pm 20\text{gf}$  at working height
- Rated current & voltage: DC 12V, 2.0A
- Contact resistance: 100m $\Omega$  max.
- Packing: Reel & carrier

### MATRIX PART NO:



Matrix Electronics Co., Ltd

<b>TOLERANCE:</b> 0~6 $\pm 0.10$ >6~30 $\pm 0.20$ >30~120 $\pm 0.30$ >120 $\pm 0.50$ ANGLE $\pm 2^\circ$	DESIGN BY :	DATE :	PART NAME:	
	Hanson Huang	2022/02/01	Pogopin conn	
UNIT: mm [inch] SCALE: 1:1 SIZE: A4	CHECKED BY:	DATE :	PART NO.	MPGM-05-116-RS
	Vicky Hsieh	2022/02/01		
	APPROVED BY1:	DATE :	MOLD NO.	NA
	Richard Hsieh	2022/02/01		
	APPROVED BY2:	DATE :	DRAW NO.	
	Richard Hsieh	2022/02/01	SHEET NO.	1 OF 1