



CHANGE RECORD

VERSION	CHANGE DESCRIPTION	DATE	DESIGNER
A0	NEW EDITION ISSUE	2019.01.11	

NOTES:

1.0 PLATING:

- 1) Contact plating: brass Au3u" over 50-80u" Ni
- 2) Contact solder area plating: brass Au3u" over 50-80u" Ni
- 3) Spring: SUS304 Aulu"

2.0 Rated voltage (Per Contact): 5 Volts

3.0 Rated Current (Per Contact): 1A maximum

4.0 Contact Resistance: 30mΩ maximum before test and 60mΩ maximum after test at pogo pin working stroke

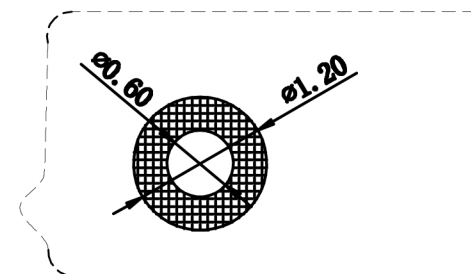
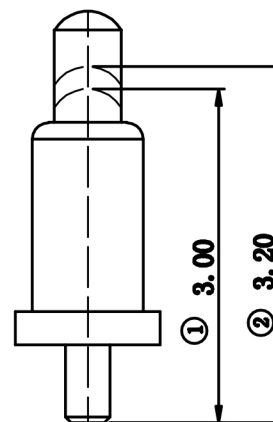
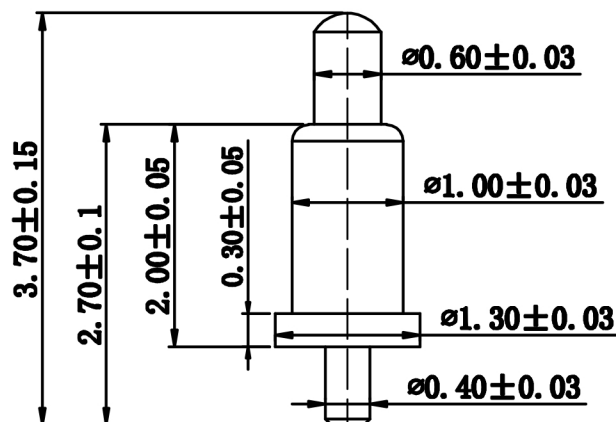
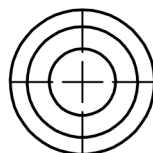
5.0 Recommended Working Stroke & Force:

- 1) Stroke 0.5mm (Per Contact): 40±15gf

6.0 Mechanical life:

- 1) Mechanical life: 10,000 Cycles Min

7.0 Working Temperature Range: -30~85°



PCB LAYOUT

① Maximum compression height

② Working height

POMAGTOR
磁性连接—专业为您定制深圳市泰科汉泽精密电子有限公司
Pomagtor Precision Electronics

Product Name Description	1.3*3.7 Spring needle material C3604 AU3U" Spring gold plated 1U" over 48H salt spray						Version	A0
Material no	HY90.01086-001		Drawing file No		Units	mm	Scale	Free
	Not marked tolerance:		x. ±0.20 x°. ±2° x ±0.15 .x° ±0.5° .xx±0.10		Drawing/Date	Review/Date	Approval/Date	
					付佳浩 2019.01.11			