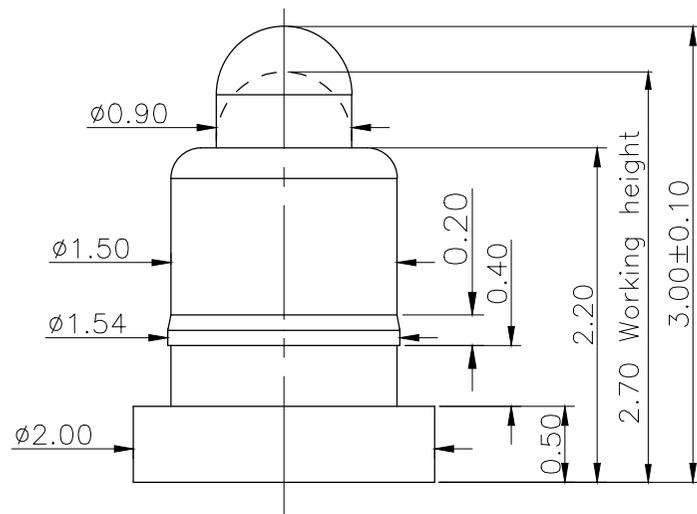


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	HBI59	AU 3U" MIN Pd 3U" OVER 50~140 U" CuSnZn
2	Barrel	1	HBI59	AU 5U" MIN Pd 8U" OVER 50~140 U" CuSnZn
3	Spring	1	SUS 304	AU 1U" MIN
4				



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 1.0A Max.
  - .Contact Resistance: 100 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 0.80 mm
  - .Working Store: 0.30 mm
  - .Spring Force: 60gf $\pm$ 20gf at Normal Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
  - .Humidity Range: 10%RH~90%RH
  - .Salt Spray:
    - Plunger:24 Hours
    - Barrel:96 Hours
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage,please operate it based on the working height.
- .RoHs&HF compliant product.

B.2		ECN-20210409-1	2021.04.09
B.1		ECN-20210310-1	2021.03.10
VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	LX	DATE	2021.04.09				Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER.	B.2			
APPROVED		TITLE	pogo pin			Ang:	Dim:	
PROJECT		DRAWING NO.	NC2896-01PA			0 $\pm 1^{\circ}$	0 $\pm 0.15$	
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^{\circ}$	.0 $\pm 0.10$	
						.00 $\pm 0.25^{\circ}$	.00 $\pm 0.05$	