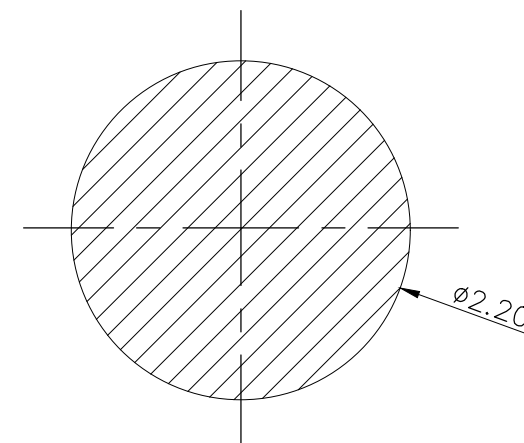
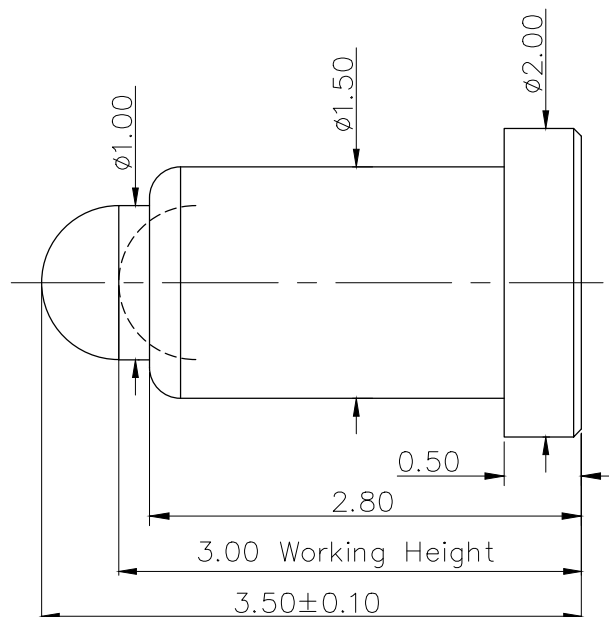


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	HB159	Au 3u" Min. OVER 50~120 U" NI
2	Barrel	1	HB159	Au 3u" Min. OVER 50~120 U" NI
3	Spring	1	SUS304	/
4				
5				



RECOMMEND PCB LAYOUT(TOP VIEW)
Layout Tolerance: $\pm 0.05\text{mm}$

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 0.70 mm
 - .Working Store: 0.50 mm
 - .Spring Force: 75gf $\pm$ 20gf at Working Height
 - .Durability: 10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: $-20^{\circ}\text{C}\sim+85^{\circ}\text{C}$
 - .Humidity Range: 10%RH $\sim$ 90%RH
 - .Salt Spray: 48 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.

DRAWN	Iys	DATE	2021.11.18		 Dongguan Promax Electronics Technology Co., Ltd		
CHECKED		SCALE	10:1	VER. A.0			
APPROVED		TITLE	pogo pin connector.		Ang:	Dim:	
PROJECT		DRAWING NO.	NC4115-01PA		0 $\pm 1^{\circ}$	0 ± 0.15	
SHEET	1 of 1	UNIT	mm		.0 $\pm 0.5^{\circ}$	.0 ± 0.10	
					.00 $\pm 0.25^{\circ}$	.00 ± 0.05	

VER.	DESCRIPTION	ECN NO.	DATE