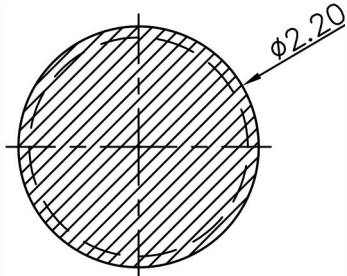
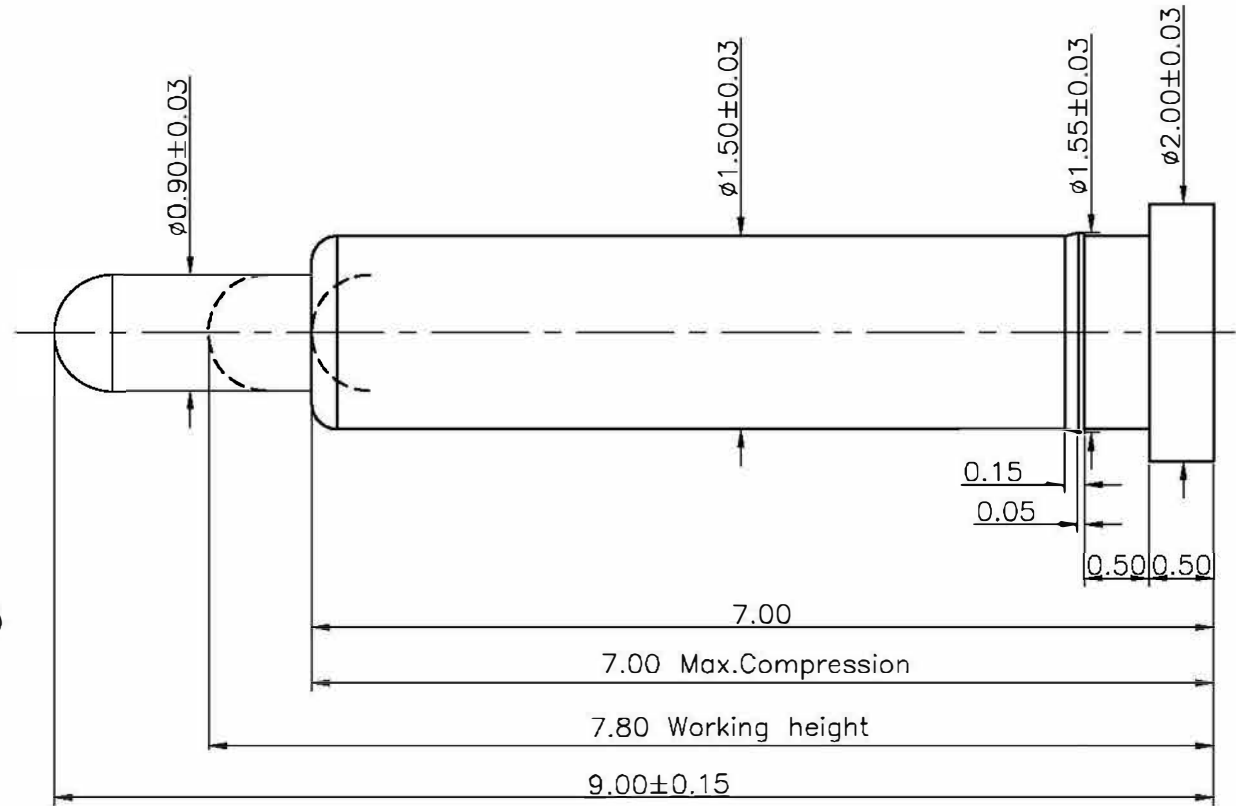


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	Lead free bronze	Au 4u" Min. OVER 50~100 U" Ni
2	Barrel	1	Lead free bronze	Ni (150~200U") +Au 2U" Min.+Pt 8U" Min.
3	Spring	1	SUS 304	Au plated



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



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 2.0A (Quiescence)
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 2.0 mm
 - .Spring Force: 60gf $\pm 20\%$ at 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: 48 Hours
 - .Sweat test: 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	LX	DATE	2022.01.18			东莞市双盟电子有限公司			
CHECKED		SCALE	10:1	VER.	A.0				
APPROVED		TITLE	POGO PIN			Ang:		Dim:	
PROJECT		DRAWING NO.	PPM. 01-5180-0802			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