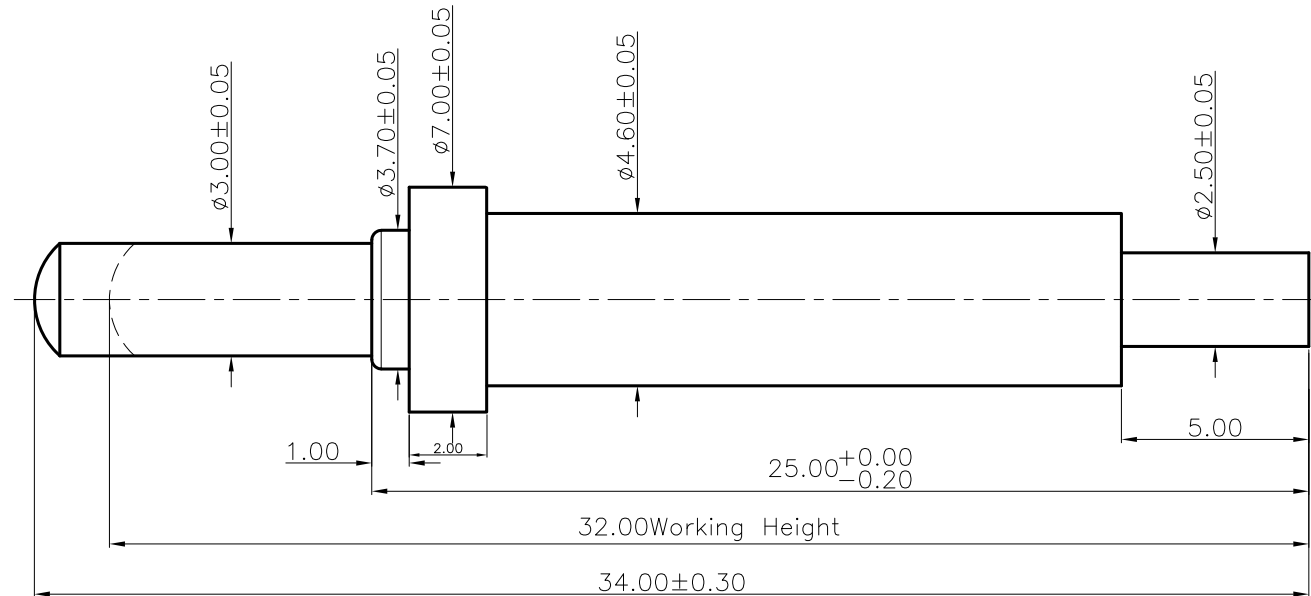


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	无铅铜 HBi59	Au 12u" Min. Over 50~120u" Ni
2	Barrel	1	无铅铜 HBi59	Au 12u" Min. Over 50~120u" Ni
3	Spring	1	SUS	绝缘处理
4	Ball	1	Zirconium	



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 208 V ; 30A
  - .Contact Resistance: 30 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Max. compression: 30.00 mm
  - .Spring Force : 350g $\pm 20\%$ g at Working Height
  - .Spring Force : 600g $\pm 20\%$ g at Max. compression
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-30^{\circ}\text{C} \sim +120^{\circ}\text{C}$
  - .Humidity Range: 10%RH~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	CDH	DATE	2023.07.03			DongGuan SUNMON Electronics Co., Ltd.				
CHECKED		SCALE	10:1	VER.	A.0					
APPROVED		TITLE	pogo pin			Ang:	Dim:			
PROJECT		DRAWING NO.	PPM.01-6147-1202			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 $\pm 0.05$			

VER.	DESCRIPTION	ECN NO.	DATE