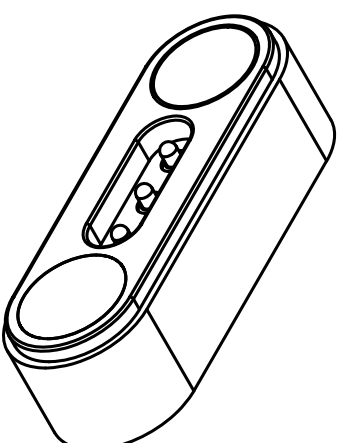
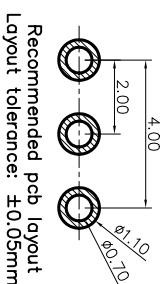
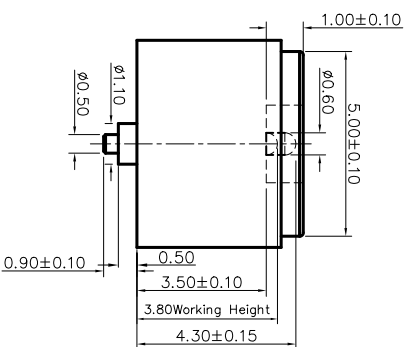
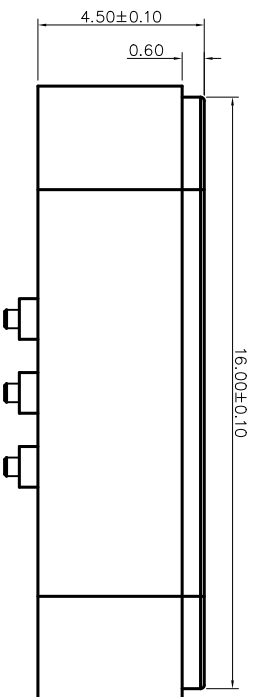
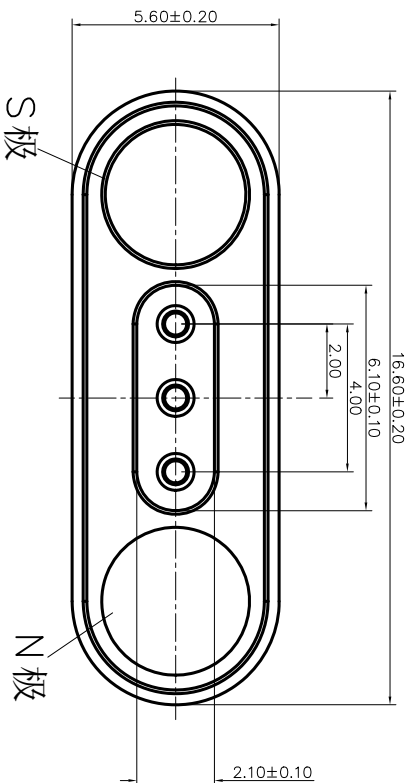
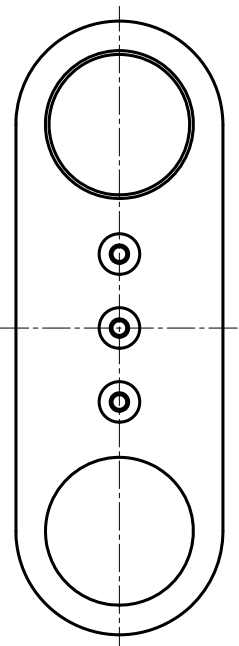


Please Approve this Drawing
Date
Signature

NO.	Part Name	QTY	Material	Plated surface
1	Plunger	3	无铅铜	Au 5u" Min. Over 50u" Min. Ni
2	Barrel	3	无铅铜	Au 3u" Min. Over 50u" Min. Ni
3	Spring	3	SUS304	
3	Ball	3	SUS304	
4	Housing	1	Au 1u" Min. Over 50u" Min. Ni	
5	Magnet	2	High temp:Plastic: UL94 V-0 Color: Black Magnet Plating: Ni	



- NOTES:
1. Electrical
 .Rated Current & Voltage : DC 12 V ; 3.0A Max.
 .Contact Resistance: 50 mohm maximum
 at Working Height(Quiescence)
 2. Mechanical
 . Full store: 0.70 mm
 .Working Store: 0.50 mm
 .Spring Force: 40gf±10gf at Working Height
 .Durability:10,000 cycles(minimum)
 3. Environmental
 .Operating Temperature: -25C~+85C
 .Humidity Range: 10%RH~90%RH
 .Salt Spray: 48 Hours
 4. When the current is greater than 1A then need to increase the time delay circuit(3 second)
 5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
 6. To ensure the best usage,please operate it based on the working height.
 7. RoHS&HF compliant product.



DRAWN	Iys	DATE	2023.05.18		Dongguan Promax Electronics Technology Co., Ltd.
CHECKED		SCALE	10:1	VER. A.0	
APPROVED		TITLE	pogo pin connector.		
PROJECT		DRAWING NO.	NC6012-03PA		
SHEET	1 of 1	UNIT	mm		
VER.	DESCRIPTION	ECN NO.	DATE	Ang:	Dim:
				0 ±1°	0 ±0.20
				.0 ±0.5°	.0 ±0.15
				.00 ±0.25°	.00 ±0.10