

Please Approve this Drawing

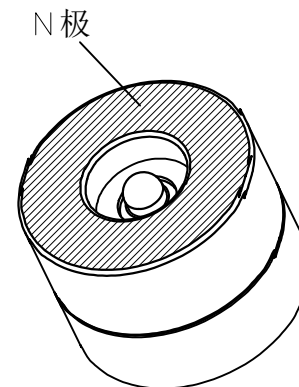
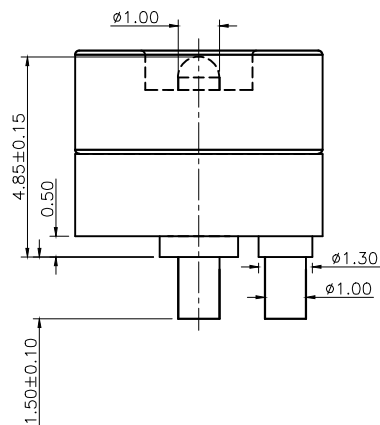
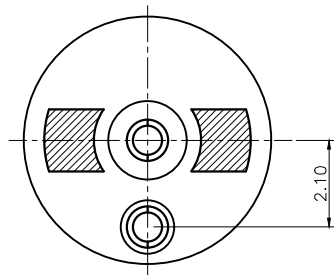
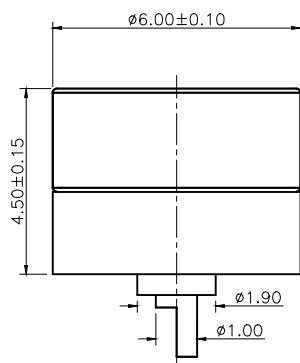
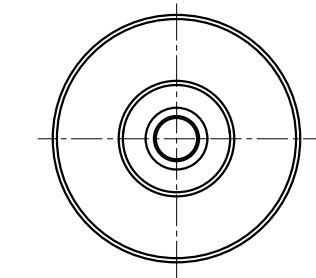
Date

Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	无铅铜	Au 5u" Min. Over 50u" Min. Ni
2	Barrel	2	无铅铜	Au 3u" Min. Over 50u" Min. Ni
3	Spring	2	SUS304	/
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
5	Magnet	1	N52	Plating Ni

NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 2.0A Max.
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 0.80 mm
  - .Working Store: 0.65 mm
  - .Spring Force: 90±20gf at Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature: -30°C~+85°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.



VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	lys	DATE	2021.11.23			东莞市燊瑞电子科技有限公司		
CHECKED		SCALE	10:1	VER.	A.0			
APPROVED		TITLE	pogo pin connector.			Ang:	Dim:	
PROJECT		DRAWING NO.	NC4097-02PA			0 ±1°	0 ±0.20	
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.15	
						.00 ±0.25°	.00 ±0.10	