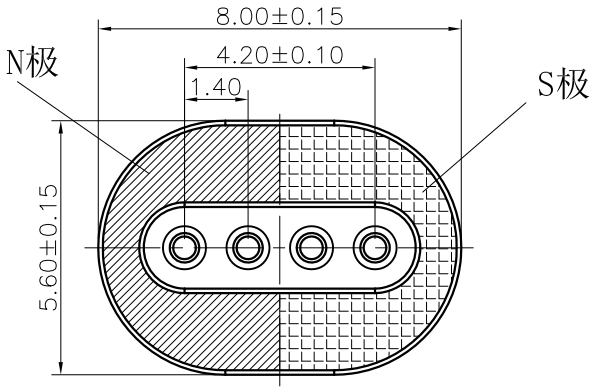
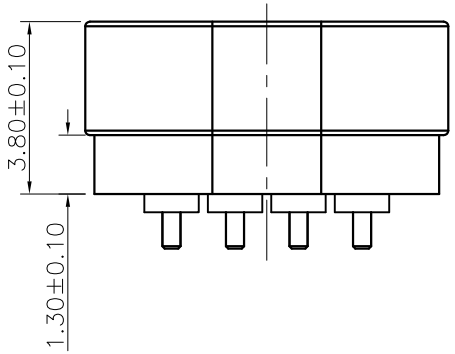
Please Approve this Drawing	
Date	
Signature	

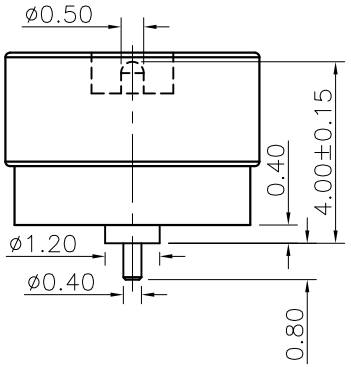
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	4	无铅铜	Au 10u" Min. Over 50u" Min. Ni
2	Barrel	4	无铅铜	Au 10u" Min. Over 50u" Min. Ni
3	Spring	4	SUS304	/
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
5	Magnet	1	N52	Plating Ni
6				

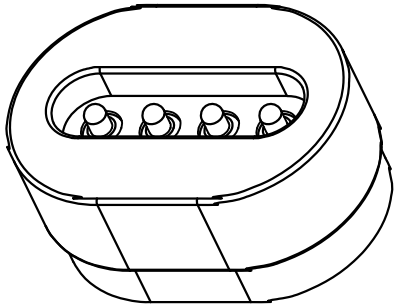
NOTES:

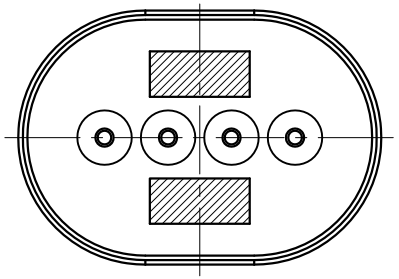
1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2.0A Max.
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full store: 0.70 mm
   .Working Store: 0.50 mm
   .Spring Force: 50±10gf at Working Height
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: −30°C~+85°C
   .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	lys	DATE	2022.05.10		
CHECKED		SCALE	10:1	VER.	A.0
APPROVED		TITLE	pogo pin connector.		
PROJECT		DRAWING NO.	NC4673-04PA		
SHEET	1 of 1	UNIT	mm		

东莞市燊瑞电子科技有限公司

Ang:		Dim:	
0	±1°	0	±0.20
.0	±0.5°	.0	±0.15
.00	±0.25°	.00	±0.10

VER.	DESCRIPTION	ECN NO.	DATE