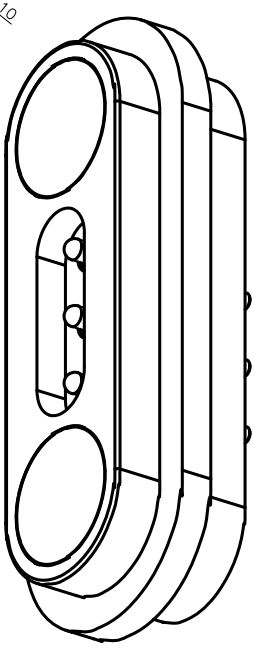
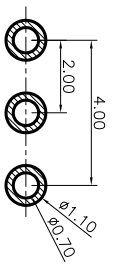
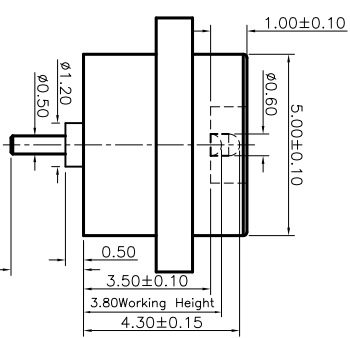
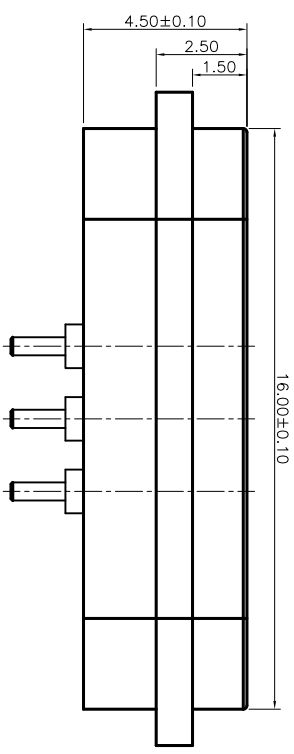
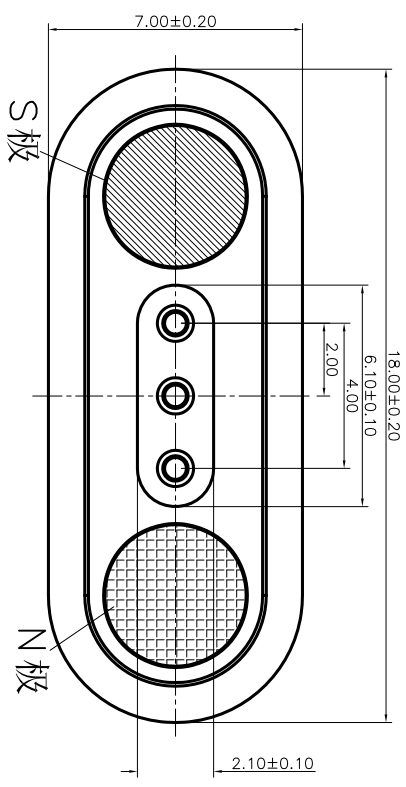
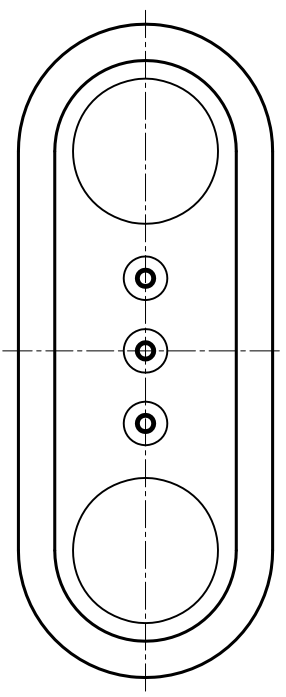


Please Approve this Drawing	
Date	
Signature	

NO.	Part Name	Q'ty	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	Au 1u" Min. Over 50u" Min. Ni
4	Housing	1	High Temp. Plastic: UL94 V-0 Color Black	
5	Magnet	2	N42Feb	Plating Ni



Recommended pcb layout  
Layout tolerance: ±0.05mm



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 3.0A Max.
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 0.70 mm
  - .Working Store: 0.50 mm
  - .Spring Force: 40gf±10gf at Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature: -25°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	ECON NO.	DATE																				
<table border="1"> <tr> <td>DRAWN</td> <td>lys</td> <td>DATE</td> <td>2022.07.22</td> </tr> <tr> <td>CHECKED</td> <td></td> <td>SCALE</td> <td>10:1 VER. B.0</td> </tr> <tr> <td>APPROVED</td> <td></td> <td>TITLE</td> <td>pogo pin connector.</td> </tr> <tr> <td>PROJECT</td> <td></td> <td>DRAWING NO.</td> <td>NC4816-03PB</td> </tr> <tr> <td>SHEET</td> <td>1 of 1</td> <td>UNIT</td> <td>mm</td> </tr> </table>				DRAWN	lys	DATE	2022.07.22	CHECKED		SCALE	10:1 VER. B.0	APPROVED		TITLE	pogo pin connector.	PROJECT		DRAWING NO.	NC4816-03PB	SHEET	1 of 1	UNIT	mm
DRAWN	lys	DATE	2022.07.22																				
CHECKED		SCALE	10:1 VER. B.0																				
APPROVED		TITLE	pogo pin connector.																				
PROJECT		DRAWING NO.	NC4816-03PB																				
SHEET	1 of 1	UNIT	mm																				
东莞市樂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																				