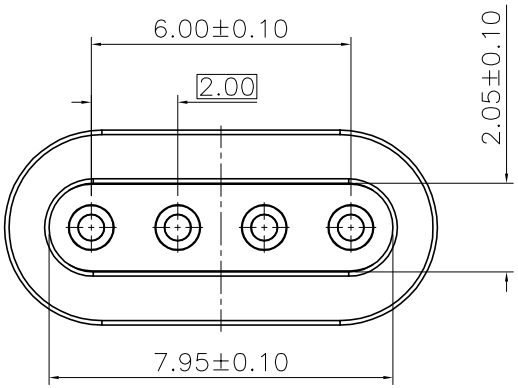
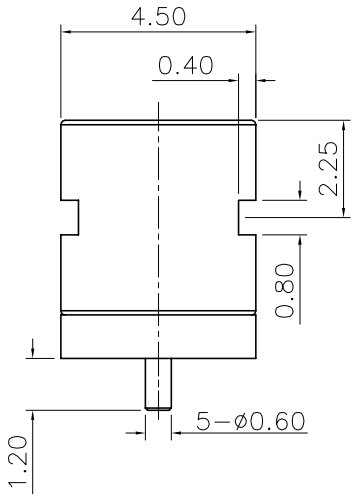
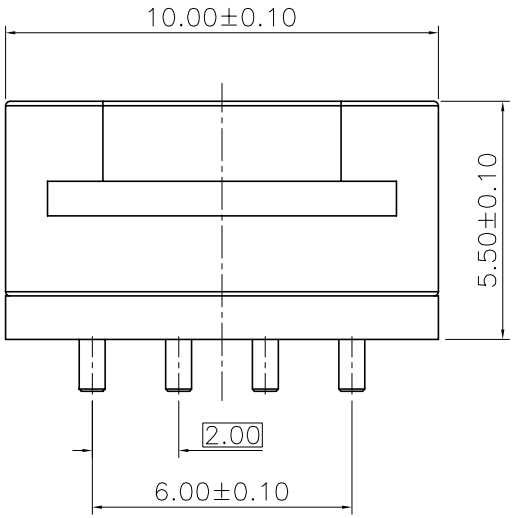
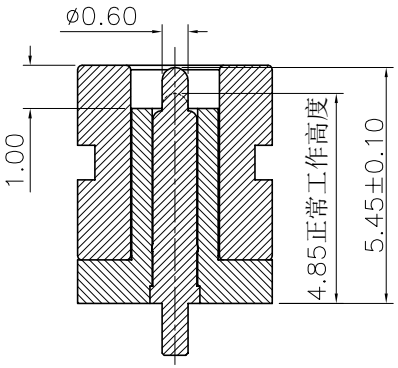
Please Approve this Drawing	
Date	
Signature	

NO.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	4	HBi59	AU 5U" MIN OVER 50~100 U" NI
2	Barrel	4	HBi59	AU 3U" MIN OVER 50~100 U" NI
3	Ball	4	Brass	AU 3U" MIN OVER 50~100 U" NI
4	Spring	4	SUS304	AU 1U" MIN OVER 20~50 U" NI
5	Magnet	1	N52	200u" Ni MIN.
6	Housing	1	High Temperature PlasticsUL 94V-0, BLACK	



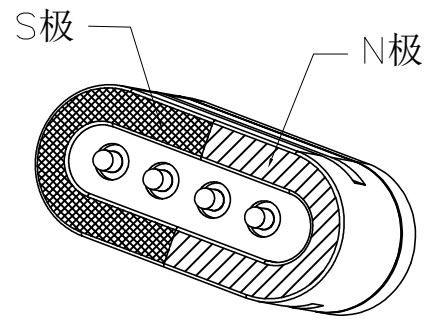


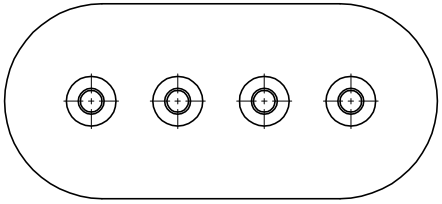




NOTES:

1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2 A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Working Store: 0.60 mm
   .Spring Force: 50gf±10gf at Normal Working Height
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: -25°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.





VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	Devin	DATE	2022.07.20		
CHECKED		SCALE	10:1	VER.	A.0
APPROVED		TITLE	Magnet&pogo connector.		
PROJECT		DRAWING NO.	NC4936-04PA		
SHEET	1 of 1	UNIT	mm		

Dongguan Promax Electronics Technology Co., Ltd

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