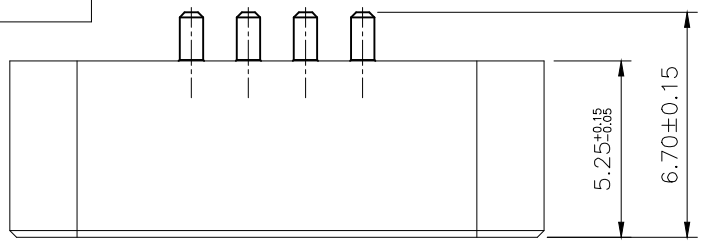
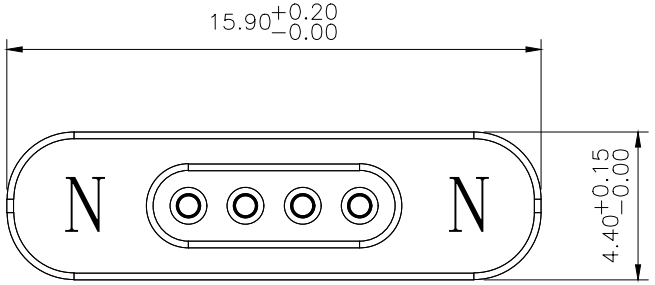
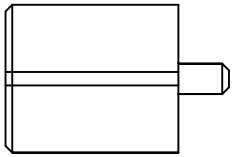
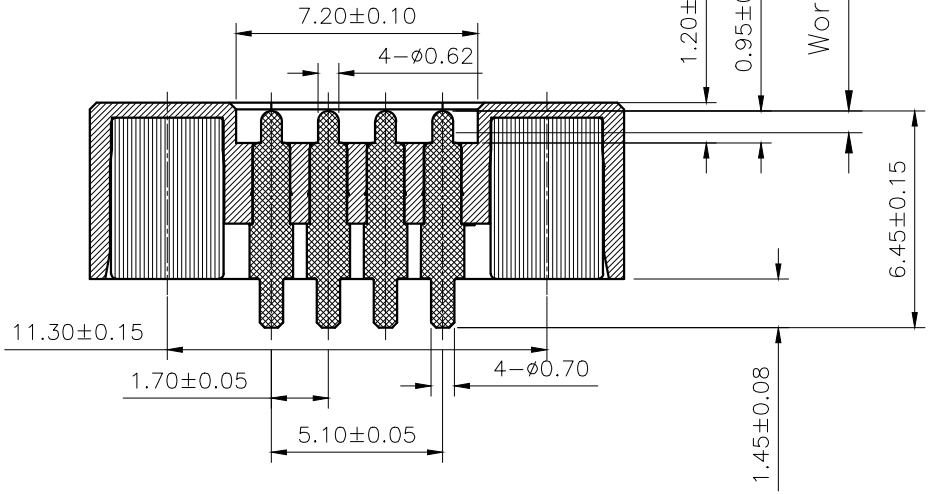
Please Approve this Drawing	
Date	
Signature	

NO.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	4	C3604	AU 15 U" MIN
2	Barrel	4	C3604	AU 10 U" MIN
3	Spring	4	SUS304	AU 1 U" MIN.
4	Ball	4	SUS 304	Au 3u"
5	Magnet	2	N52	Ni 80 U" MIN.
6	Housing	1	PA9T	UL 94V-0, Black



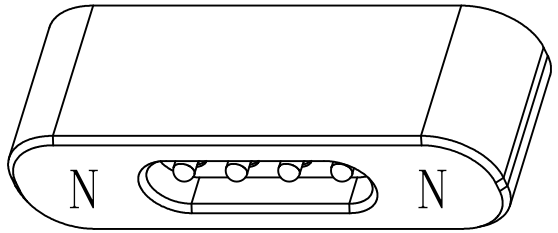






NOTES:

1. Electrical
   .Rated Current & Voltage : DC 12 V ; 2 A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full store: 0.90 mm
   .Working Store: 0.60 mm
   .Spring Force: 45gf±15gf 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. Part To Be Free Form Manufacturing Lubricants.
5. When the current is greater than 1A then need to increase the time delay circuit(3 second)
6. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
7. To ensure the best usage,please operate it based on the working height.
8. .RoHs&HF compliant product.



VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	tony	DATE	2021.03.22	Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1 VER. B.0		
APPROVED		TITLE	pogo pin connector.	Ang: 0 ±1° .0 ±0.5° .00 ±0.25°	Dim: 0 ±0.15 .0 ±0.10 .00 ±0.07
PROJECT		DRAWING NO.	C2998−04PA		
SHEET	1 of 1	UNIT	mm		