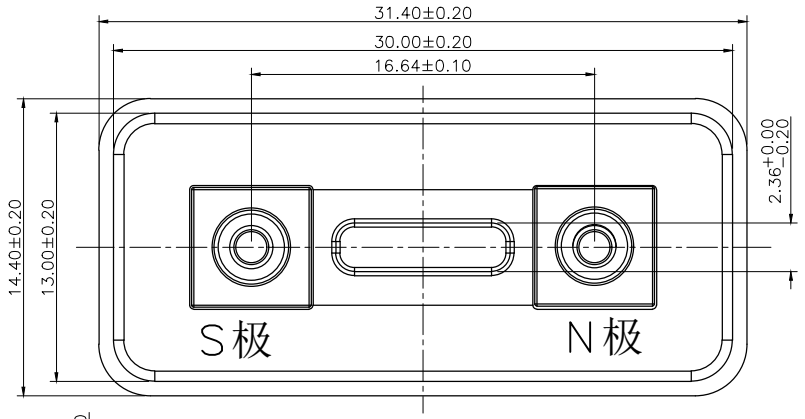
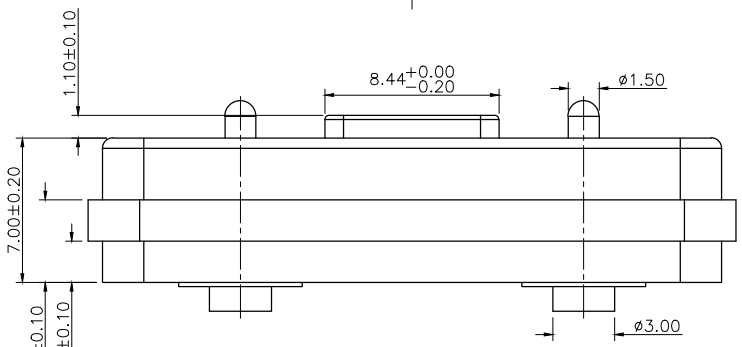
Please Approve this Drawing	
Date	
Signature	

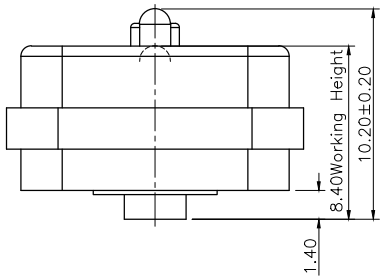
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	brass	Au 5u" Min. Over 50u" Min. Ni
2	Barrel	2	brass	Au 3u" Min. Over 50u" Min. Ni
3	Spring	2	SUS304	/
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
5	Magnet	2	N52	Plating Ni

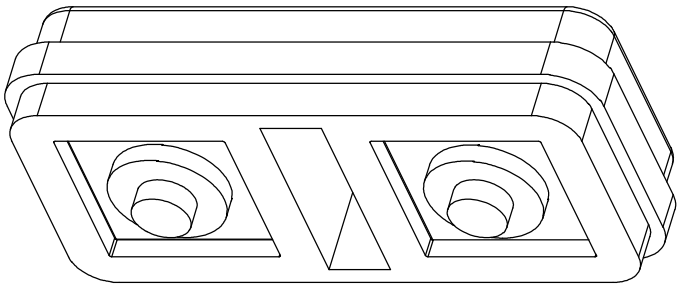
NOTES:

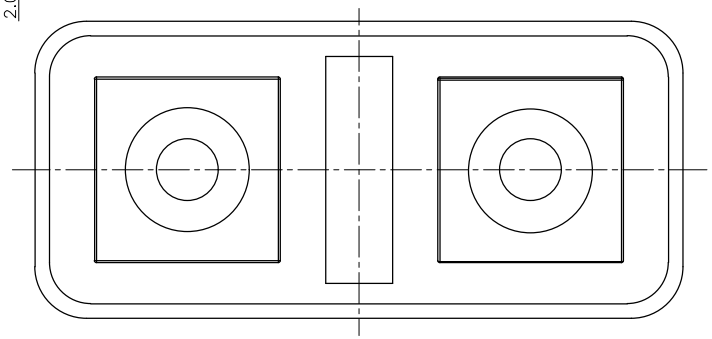
1. Electrical
   .Rated Current & Voltage : DC 20 V ; 3.0A Max.
   .Contact Resistance: 30 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full store: 2.00 mm
   .Working Store: 1.80 mm
   .Spring Force: 140±20%gf at Working Height
   .Durability:10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: -20°C~+50°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	lys	DATE	2021.10.21	Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1 VER. A.0		
APPROVED		TITLE	pogo pin connector.	Ang:	Dim:
PROJECT		DRAWING NO.	NC3926-02PA	0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm	.0 ±0.5°	.0 ±0.15
				.00 ±0.25°	.00 ±0.10