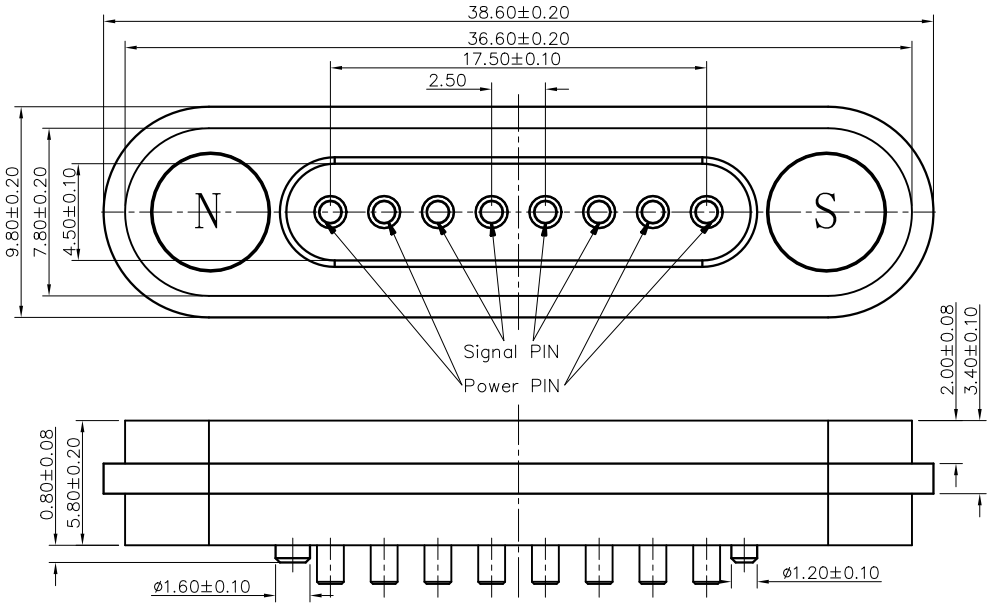
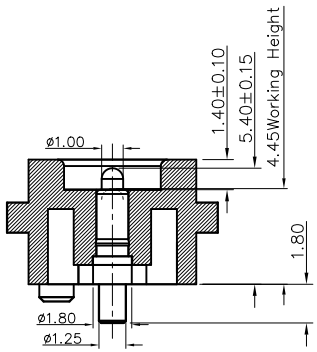
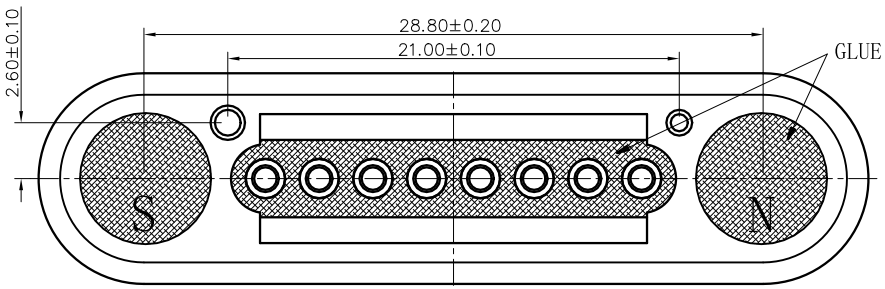
Please Approve this Drawing	
Date	
Signature	

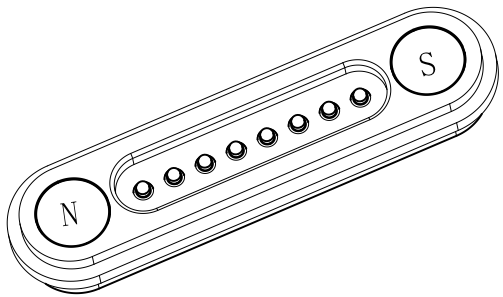
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	8	Brass	AU 10U" MIN OVER 50~120 U" NI
2	Barrel	8	Brass	AU 10U" MIN OVER 50~120 U" NI
3	Spring	8	SUS304	N/A
4	T-PIN	8	Brass	AU 5U" MIN OVER 50~120 U" NI
5	Magnet	2	NdFeB N52	Plating Ni
6	Housing	1	High temp.Plastic; UL94 V-0 Color Black	

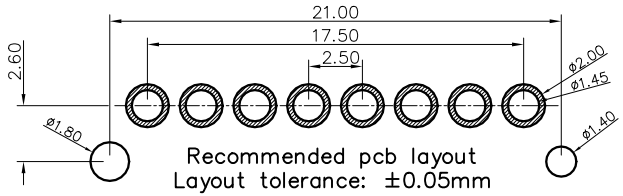




NOTES:
1. Electrical
   .Rated Current & Voltage :
   Power PIN: DC 12 V ; 4.0A
   Signal PIN: DC 12 V ; 1.0A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Full stroke: 1.00 mm
   .Power PIN: 60gf±15gf at Working Height
   .Signal PIN: 30gf±10gf at Working Height
   .Durability: 10,000 cycles(minimum)
3. Environmental
   .Operating Temperature: -40°C~+85°C
   .Humidity Range: 10%RH~90%RH
   .Salt Spray: PIN: 72 Hours Magnet: 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	Eddie	DATE	2023.07.07	Dongguan Promax Electronics Technology Co., Ltd.	
CHECKED		SCALE	10:1 VER. A.0		
APPROVED		TITLE	pogo pin connector.	Ang:	Dim:
PROJECT		DRAWING NO.	NC6047-08PA	0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm	.0 ±0.5°	.0 ±0.15
				.00 ±0.25°	.00 ±0.10