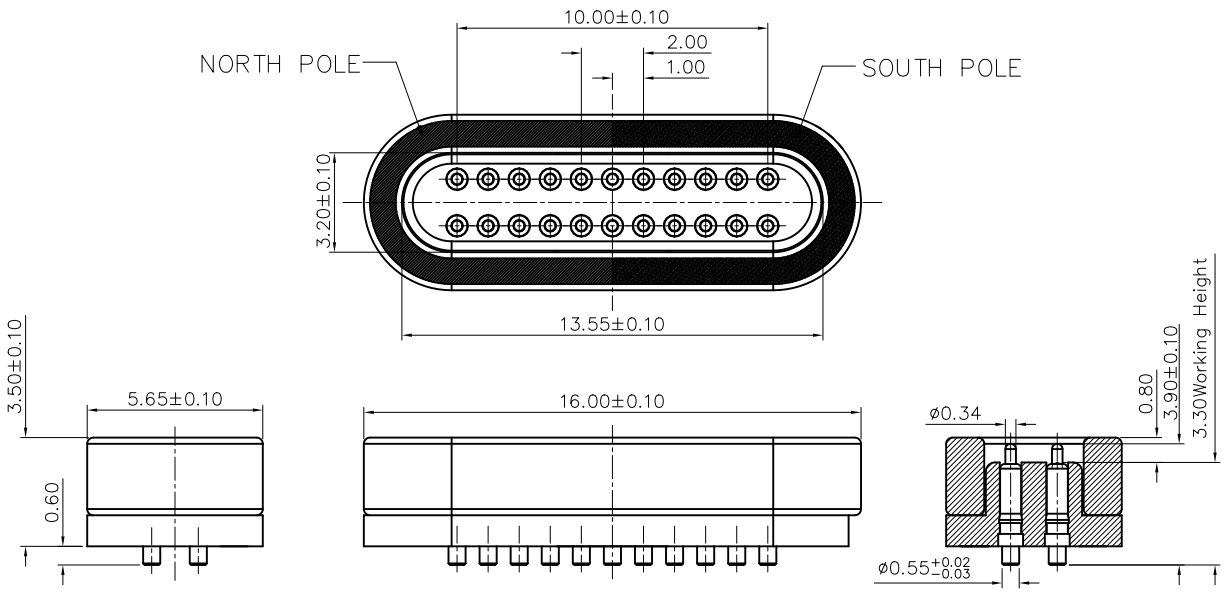
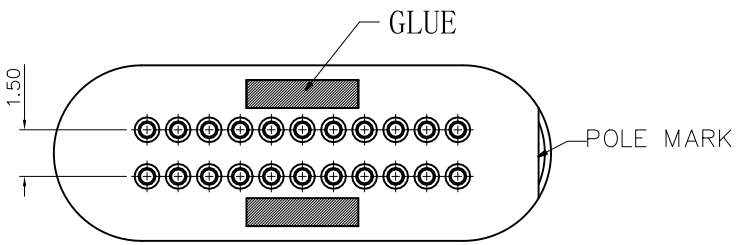
Please Approve this Drawing	
Date	
Signature	

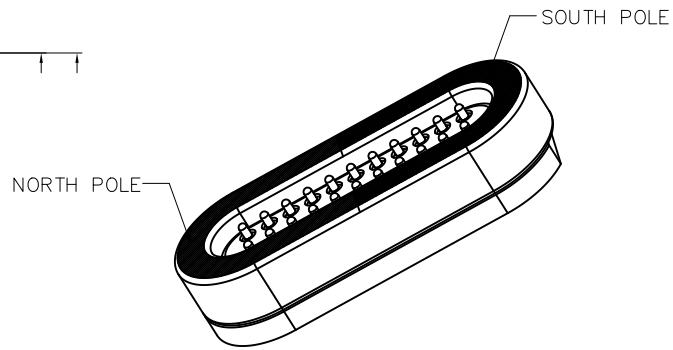
NO.	Part Nome	Q'TY	Material	Plated surface
1	Plunger	22	HBi59	Au 15u" Min OVER 50~120 u" Ni
2	Barrel	22	HBi59	Au 10u" Min OVER 50~120 u" Ni
3	Spring	22	SUS304	Au 1u" Min OVER Ni
4	Magnet	1	N52	200u" Ni Min.
5	Housing	1	High Temperature PlasticsUL 94V-0, BLACK	



NOTES:

1. Electrical
   .Rated Current & Voltage : DC 12 V ; 1.0 A
   .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
2. Mechanical
   .Working Store: 0.65 mm
   .Spring Force: 40gf±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	Eddie	DATE	2023.06.03	Dongguan Promax Electronics Technology Co.,Ltd
CHECKED		SCALE	10:1 VER. A.0	
APPROVED		TITLE	Magnet&pogo connector.	Ang: 0 ±1° .0 ±0.5° .00 ±0.25° / Dim: 0 ±0.15 .0 ±0.10 .00 ±0.06
PROJECT		DRAWING NO.	NC6069-22PA	
SHEET	1 of 1	UNIT	mm	