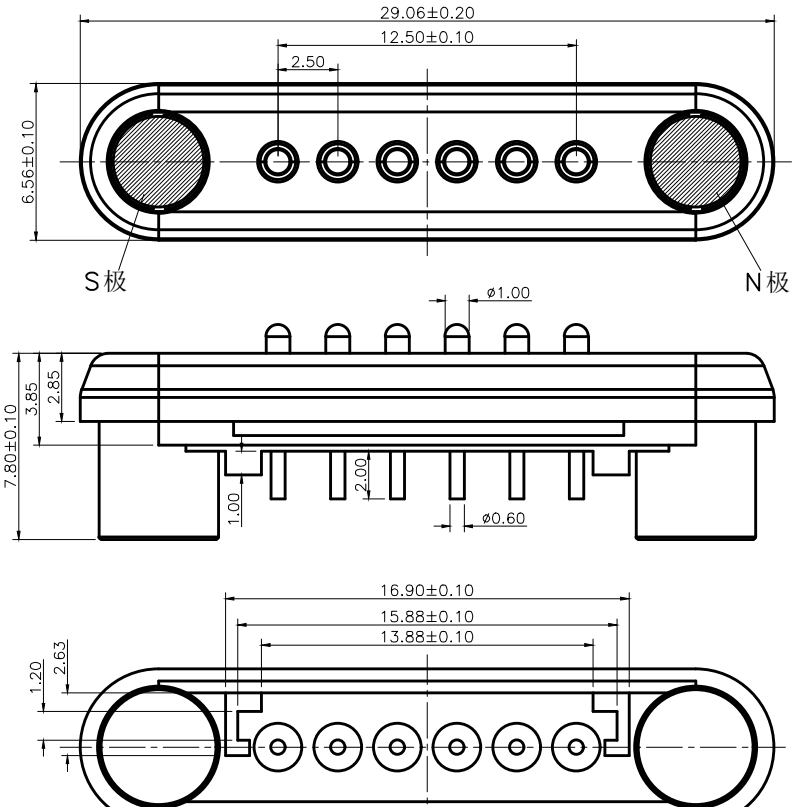
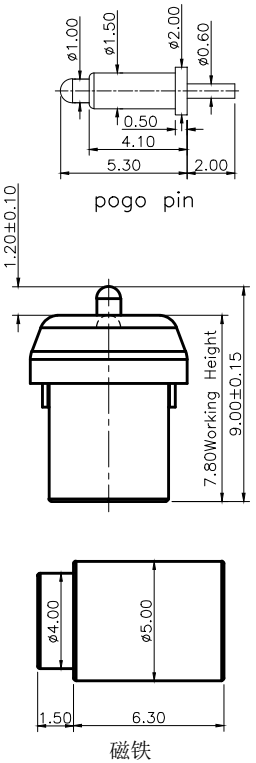
Please Approve this Drawing	
Date	
Signature	

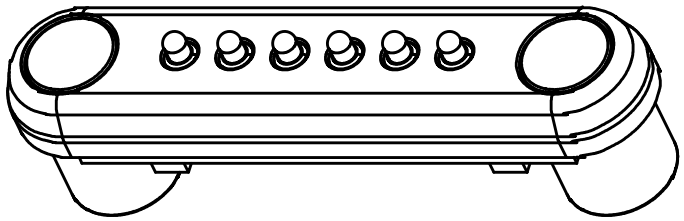
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	6	无铅铜	Au 5u" Min. Over 50u" Min. Ni
2	Barrel	6	无铅铜	Au 5u" Min. Over 50u" Min. Ni
3	Spring	6	SUS304	/
3	T-Pin	6	无铅铜	Au 1u" Min. Over 50u" Min. Ni
4	Housing	1	PA9T	UL94 V-0 Color: Pantone 407C 表面纹面VDI-21
5	Magnet	2	NdFeB N52	Plating Ni





NOTES:
技术要求:

1. Electrical
   电气性能
   .Rated Current & Voltage : DC 12 V ; 3.0A Max.
   额定电压&电流 : 直流 12 V ; 3.0A
   .Contact Resistance: 50 mohm maximum
   接触阻抗: 在工作高度时最大阻抗50毫欧
   at Working Height(Quiescence)
2. Mechanical
   机械性能
   .Full store: 1.20 mm
   全行程: 1.20mm
   .Working Store: 1.20 mm
   工作高度: 1.20mm
   .Spring Force: 80gf±20%gf at Working Height
   弹力: 在工作高度时弹力为80gf±20%gf
   .Durability:10,000 cycles(minimum)
   寿命次数:10,000次(最少)
3. Environmental
   环境要求
   .Operating Temperature: -25°C~+85°C
   操作温度范围: -25°C~+85°C
   .Humidity Range: 10%RH~90%RH
   湿度范围: 10%RH~90%RH
   .Salt Spray: 48 Hours
   盐雾要求: 48 小时;
4. 单个磁铁与磁铁对吸拉力达到: 9.0N以上.
   组装连接器后双磁铁对吸磁铁拉力达到: 18N以上.
5. To avoid arcing issue, The adaptor start to power supply after connector mated fully.
   为了确保产品最佳性能, 请在工作高度范围内使用。
6. RoHS&HF compliant product.
   符合ROHS2.0、REACH、HF、CP65无卤等环保要求。



VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	lys	DATE	2022.12.08	Dongguan Promax Electronics Technology Co., Ltd.	
CHECKED		SCALE	10:1 VER. A.0		
APPROVED		TITLE	pogo pin connector.	Ang: 0 ±1° .0 ±0.5° .00 ±0.25°	Dim: 0 ±0.20 .0 ±0.15 .00 ±0.10
PROJECT		DRAWING NO.	NC5471-06PA		
SHEET	1 of 1	UNIT	mm		