

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.

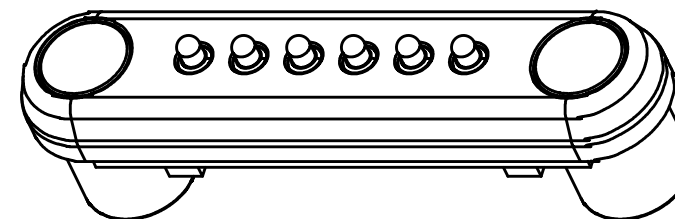
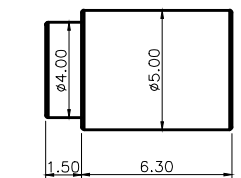
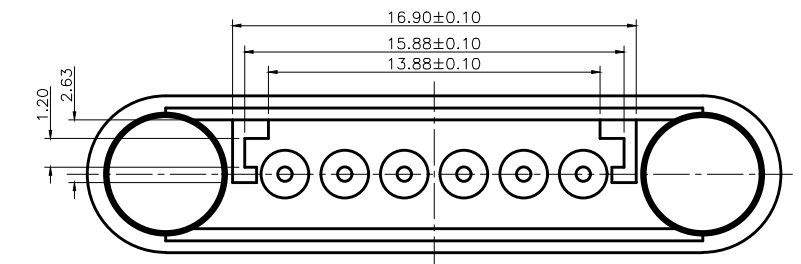
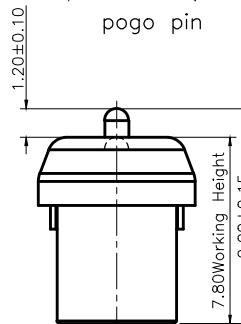
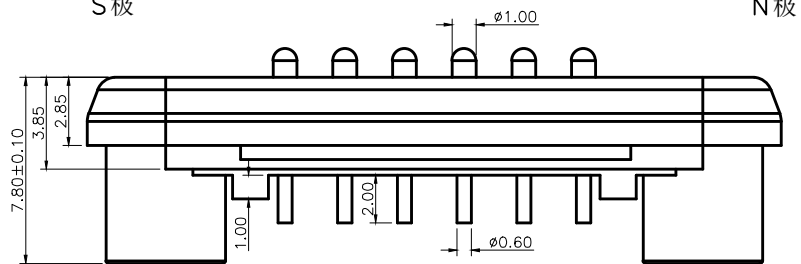
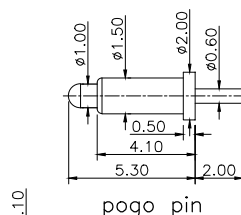
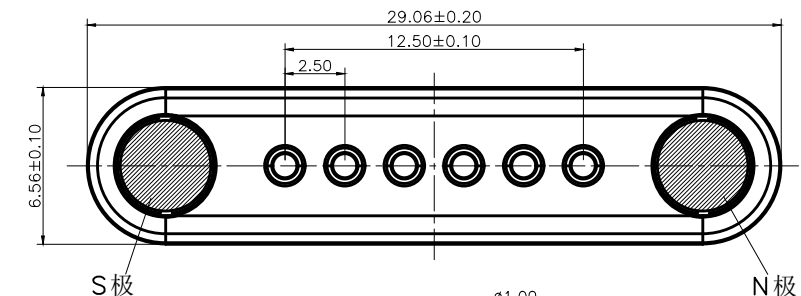
组装连接器后双磁铁对吸磁铁拉力达到: 18N以上.

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:
PROJECT		DRAWING NO.	NC5471-06PA		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					Dim:
					0 ±0.20
					.0 ±0.15
					.00 ±0.10