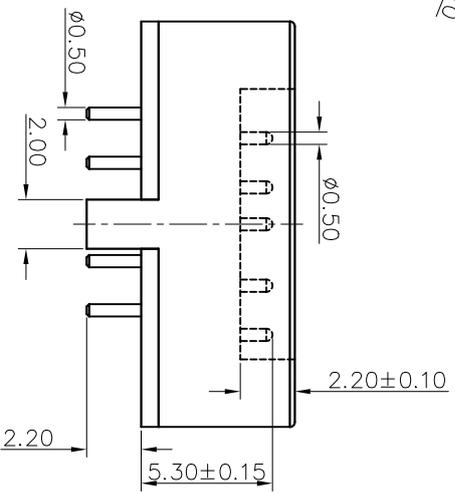
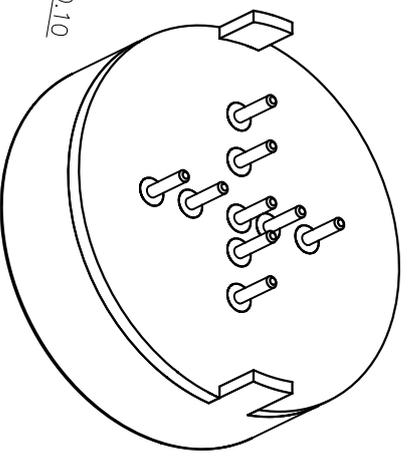
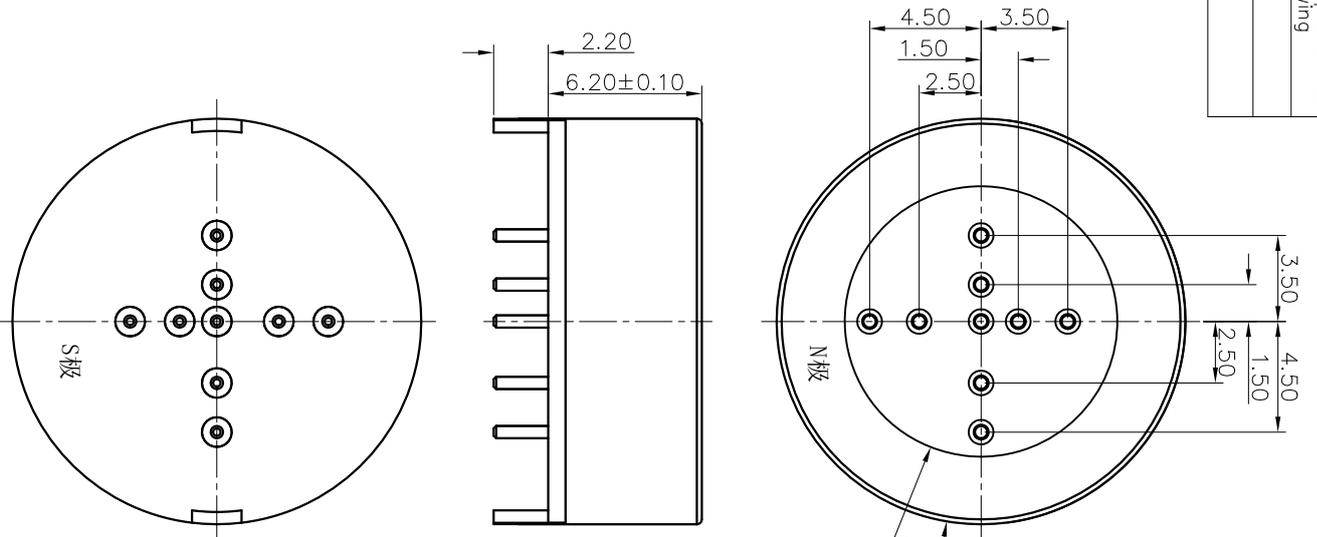


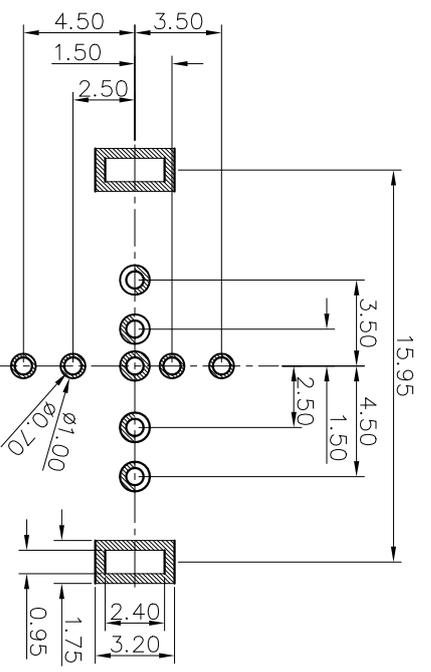
Please Approve this Drawing	
Date	
Signature	



NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	9	无铅铜	Au 3u" Min. Over 50u" Min. Ni
2	Barrel	9	无铅铜	Au 3u" Min. Over 50u" Min. Ni
3	Spring	9	SISS304	/
3	Shell	1	无铅铜	Plating Ni
4	Housing	1	High temp.Plastic: UL94 V-0 Color Black	Plating Ni
5	Magnet	1	N42RH	Plating Ni

NOTES:

1. Electrical  
 .Rated Current & Voltage : DC 12 V ; 1.0A Max.  
 .Contact Resistance: 50 mohm maximum  
 at Working Height(Quiescence)
2. Mechanical  
 .Full store: 1.30 mm  
 .Working Store: 0.80 mm  
 .Spring Force: 60gf±20%gf at 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.



Recommended pcb layout  
 Layout tolerance: ±0.05mm

VER.	DESCRIPTION	ECN NO.	DATE
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DRAWN	lys	DATE	2023.07.31	
CHECKED		SCALE	10:1	VER. B.0
APPROVED		TITLE	pogo pin connector.	
PROJECT		DRAWING NO.	NC5889-09PB	
SHEET	1 of 1	UNIT	mm	

**Dongguan Promax Electronics Technology Co., Ltd.**

Ang:	0	±1°	Dim:	0	±0.20
	.0	±0.5°		.0	±0.15
	.00	±0.25°		.00	±0.10