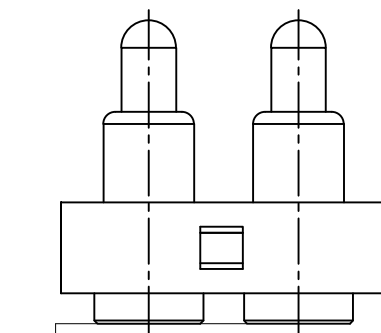
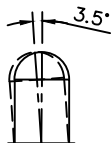
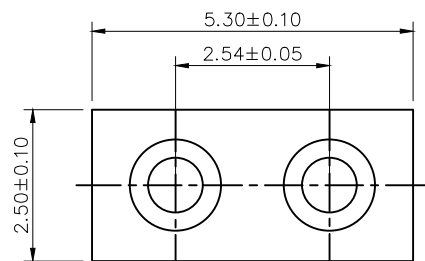
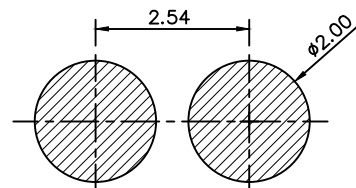
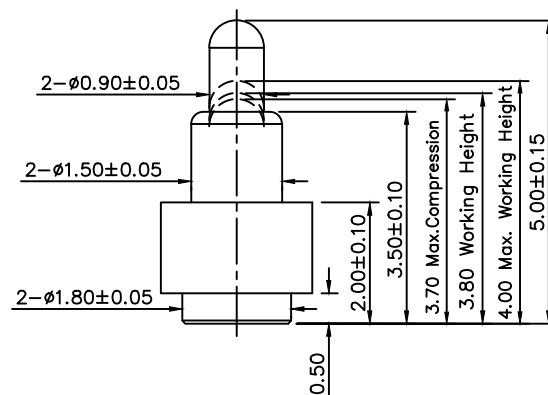
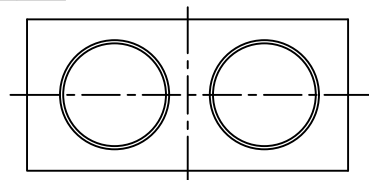


Please Approve this Drawing	
Date	
Signature	



0.12

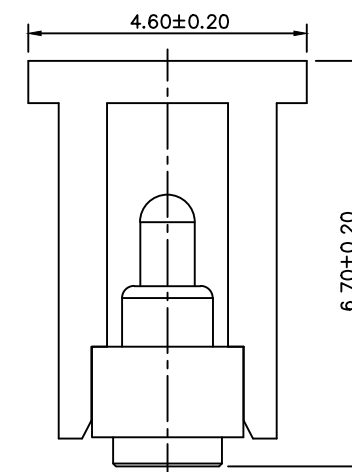
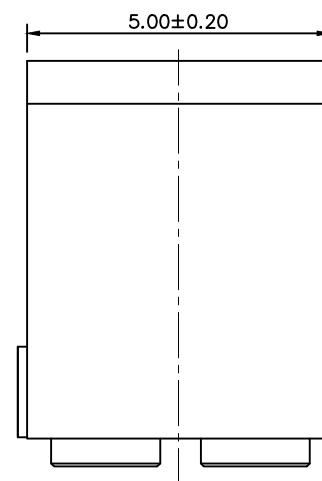


RECOMMEND PCB LAYOUT
Layout Tolerance: ±0.05mm

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	无铅铜	AU 3 U" MIN OVER 50~120 U" NI
2	Barrel	2	无铅铜	AU 3 U" MIN OVER 50~120 U" NI
3	Spring	2	SUS 304	/
4	Housing&CAP	1	High temp.Plastic; UL94 V-0 Color Black	

NOTES:

1. Electrical
.Rated Current & Voltage : DC 12 V ; 2.0A
.Contact Resistance: 50 mohm maximum
at Working Height(Quiescence)
2. Mechanical
.Full store: 1.30 mm
.Working Store: 1.20 mm
.Spring Force : 120gf±20gf at Working Height
.Durability: 10,000 cycles(minimum)
3. Environmental
.Operating Temperature: -40°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.



DRAWN	Lx	DATE	2022.03.17			 Dongguan Promax Electronics Technology Co., Ltd	
CHECKED	Lys	SCALE	10:1	VER.	A.0		
APPROVED	Tonny	TITLE	PoGo Pin			Ang:	Dim:
PROJECT		DRAWING NO.	NC4530-02RA			0 ±1°	0 ±0.15
SHEET	1 of 1	UNIT	mm			.0 ±0.5°	.0 ±0.10
						.00 ±0.25°	.00 ±0.05

A.0	NEW RELEASE		
VER.	DESCRIPTION	ECN NO.	DATE