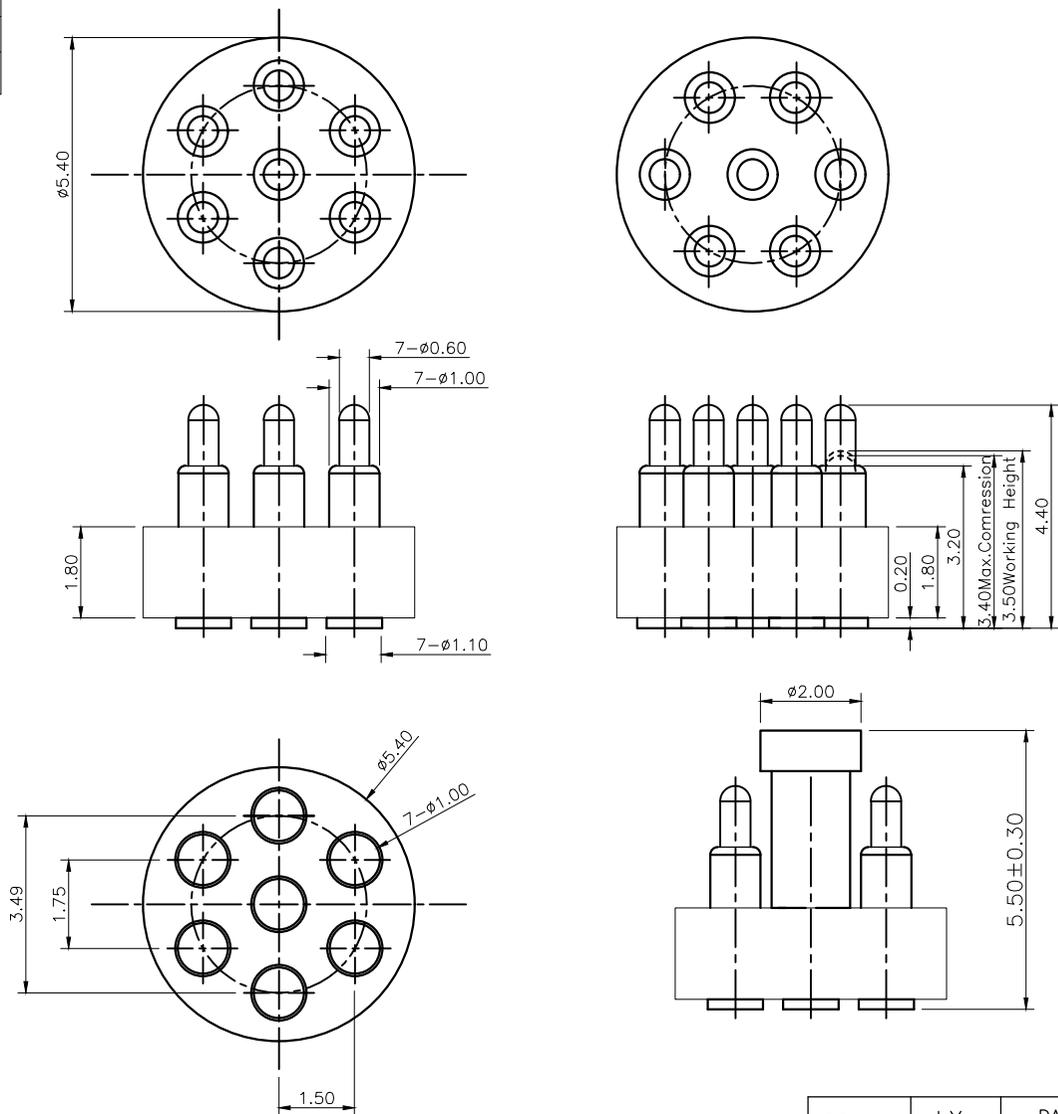


Please Approve this Drawing

Date _____

Signature _____

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	7	HBI59	Au 5u" Min. Over 50u~120u" Min. Ni
2	Barrel	7	HBI59	Au 5u" Min. Over 50u~120u" Min. Ni
3	Spring	7	SUS 304	N/A
4	Housing	1	HTN+30%GF	UL94 V-0 Color Black
5	Cap	1	HIGH TEMP PLASTIC	UL94 V-0 Color Black



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 1.0 mm
 - .Working Store: 0.90 mm
 - .Spring Force: 30gf \pm 8gf at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: $-25^{\circ}\text{C} \sim +85^{\circ}\text{C}$
 - .Humidity Range: 10%RH \sim 90%RH
 - .Salt Spray: 48 Hours
- When the current is greater than 1A then need to increase the time delay circuit(3 second)
- To avoid arcing issue, The adaptor start to power supply after connector mated fully.
- To ensure the best usage, please operate it based on the working height.
- .RoHs&HF compliant product.

DRAWN	LX	DATE	2021.04.19			Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER. B.0		Ang:	Dim:
APPROVED		TITLE	pogo pin connector.		0 $\pm 1^{\circ}$	0 ± 0.15	
PROJECT		DRAWING NO.	NC3167-07RA		.0 $\pm 0.5^{\circ}$.0 ± 0.10	
SHEET	1 of 1	UNIT	mm		.00 $\pm 0.25^{\circ}$.00 ± 0.08	

VER.	DESCRIPTION	ECN NO.	DATE