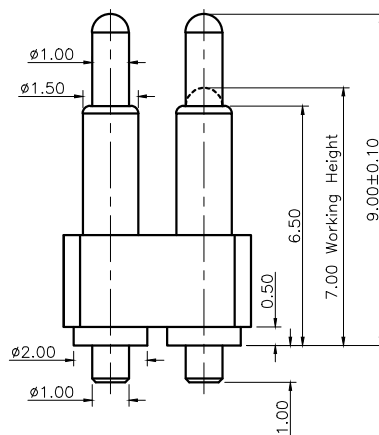
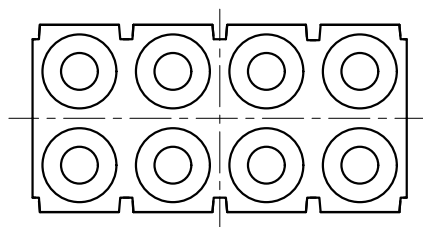
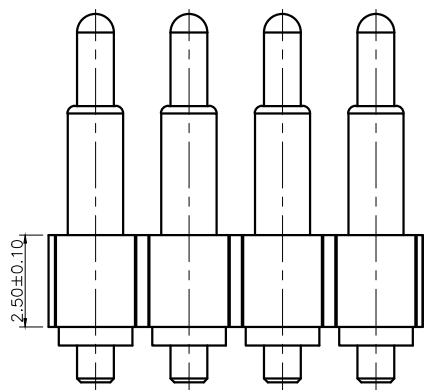
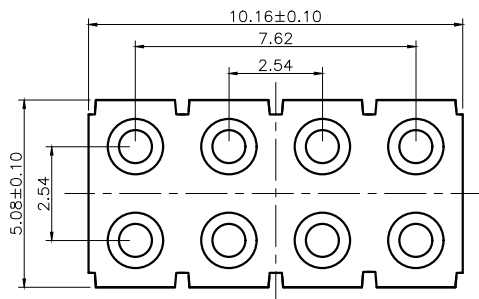


Please Approve this Drawing

Date

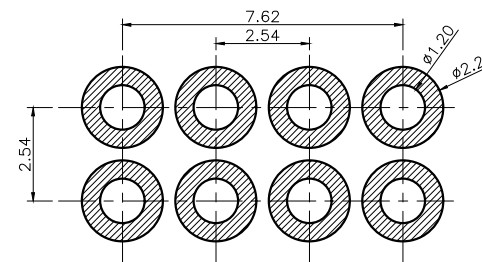
Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	8	HBI59	Au 3u" Min. OVER 50U~120" Ni
2	Barrel	8	HBI59	Au 3u" Min. OVER 50U~120" Ni
3	Spring	8	SUS304	N/A
4	Housing	1	High temp.Plastic; UL94 V-0	Color Black



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 18 V ; 1.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 2.30 mm
 - .Spring Force : 100gf±20gf at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -20°C~+85°C
 - .Humidity Range: 10%RH~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.



Recommended pcb layout
layout tolerance: ±0.05mm

DRAWN	LX	DATE	2022.04.13			Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER. A.0			
APPROVED		TITLE	pogo pin		Ang:	Dim:	
PROJECT		DRAWING NO.	NC4618-08RA		0 ±1°	0 ±0.15	
SHEET	1 of 1	UNIT	mm		.0 ±0.5°	.0 ±0.10	
					.00 ±0.25°	.00 ±0.05	

VER.	DESCRIPTION	ECN NO.	DATE