

Please Approve this Drawing

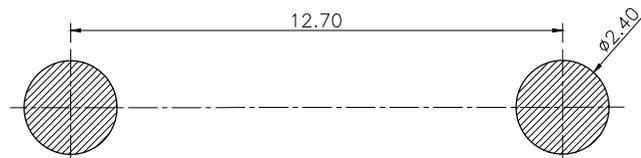
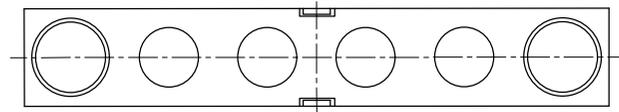
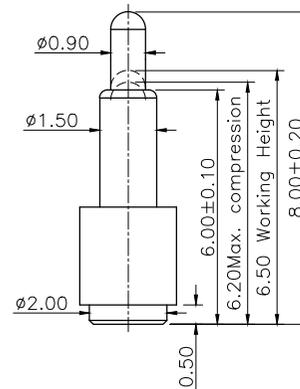
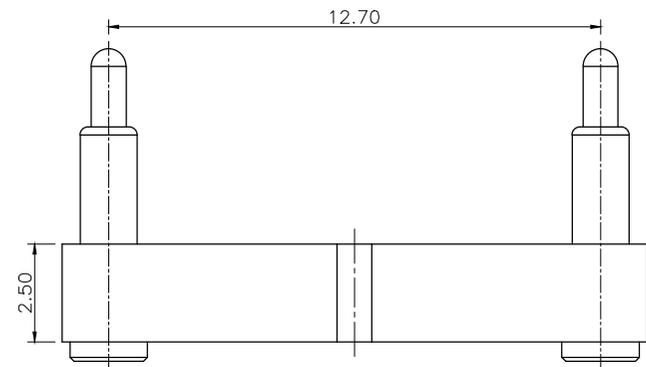
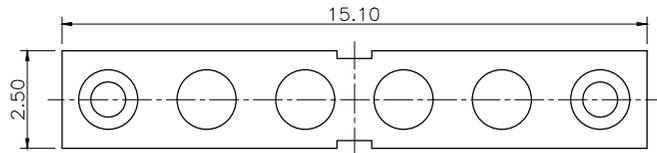
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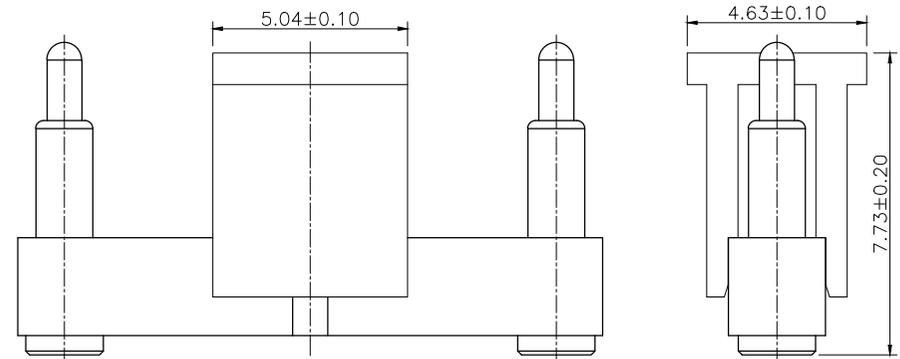
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	1	Brass	Au 3u" Min. OVER 50 U" Min. NI
2	Barrel	1	Brass	Au 3u" Min. OVER 50 U" Min. NI
3	Spring	1	SUS	/
4	Housing&Cap	1	High temp.Plastic; UL94 V-0	Color Black

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 5A
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 1.80 mm
 - .Spring Force : 120g±20%g at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -40°C~+105°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	lys	DATE	2021.01.22			Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1	VER. B.0		Ang:	Dim:
APPROVED		TITLE	pogo pin connector.		0 ±1°	0 ±0.15	
PROJECT		DRAWING NO.	NC2747-02RA		.0 ±0.5°	.0 ±0.10	
SHEET	1 of 1	UNIT	mm		.00 ±0.25°	.00 ±0.05	

VER.	DESCRIPTION	ECN NO.	DATE