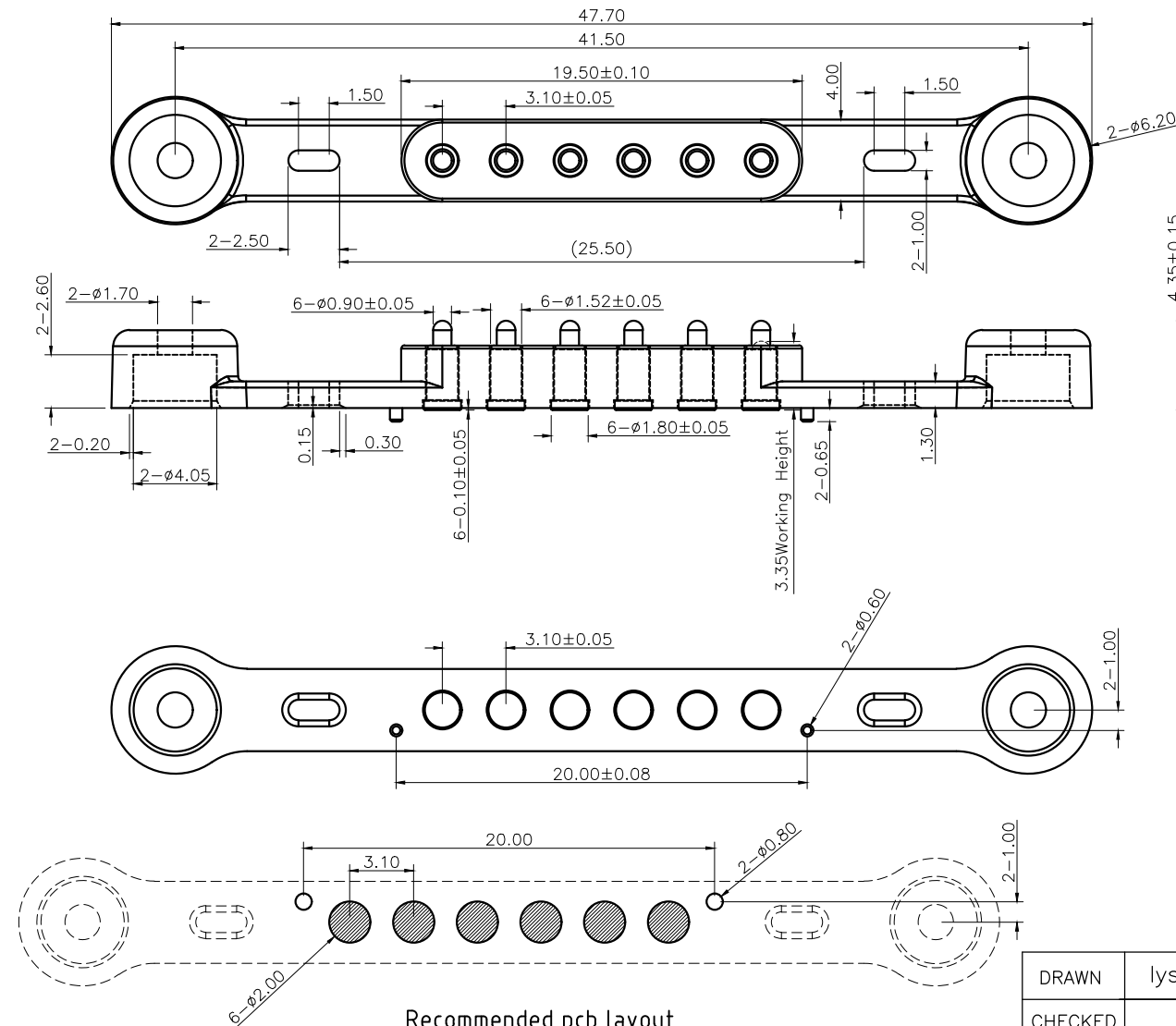
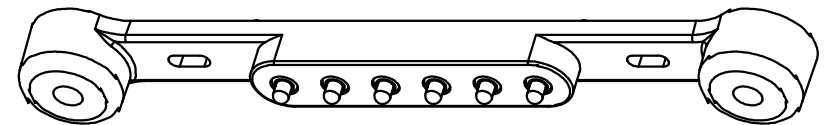
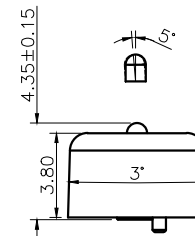


Please Approve this Drawing	
Date	
Signature	

N0.	Part Name	Q'TY	Material	Plated surface
1	Plunger	6	HBI59	AU 5U" MIN OVER 50~120 U" NI
2	Barrel	6	HBI59	AU 5U" MIN OVER 50~120 U" NI
3	Spring	6	SUS	N/A
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
5				



Recommended pcb layout
Layout tolerance: ±0.05mm



NOTES:

1. Electrical
.Rated Current & Voltage : DC 12 V ; 1.5A Max.
.Contact Resistance: 50 mohm maximum
at Working Height(Quiescence)
2. Mechanical
.Full store: 1.20 mm
.Working Store: 1.00 mm
.Spring Force: 60gf±20%gf 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.

VER.	DESCRIPTION	ECN NO.	DATE

DRAWN	lys	DATE	2021.10.18	Proma Dongguan Promax Electronics Technology Co., Ltd	
CHECKED		SCALE	10:1 VER. A.0		
APPROVED		TITLE	pogo pin connector.	Ang:	Dim:
PROJECT		DRAWING NO.	NC3972-06PA	0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm	.0 ±0.5°	.0 ±0.15
				.00 ±0.25°	.00 ±0.10