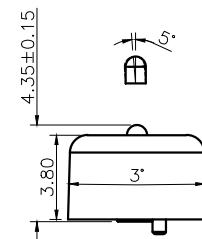
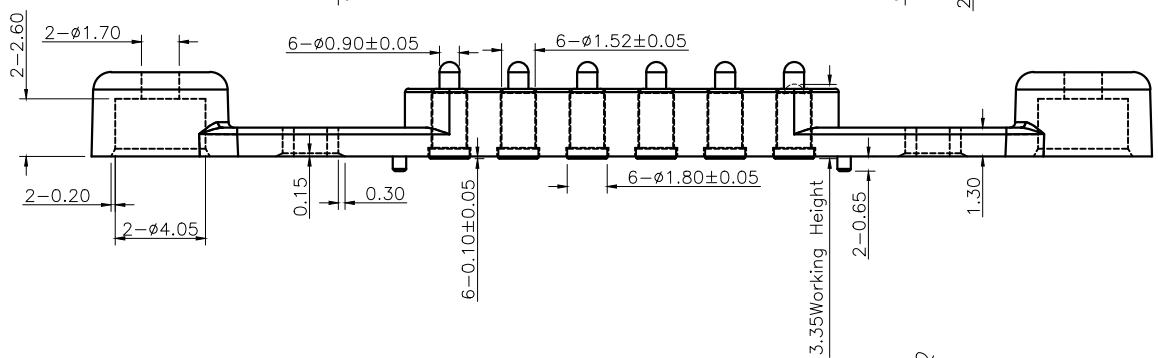
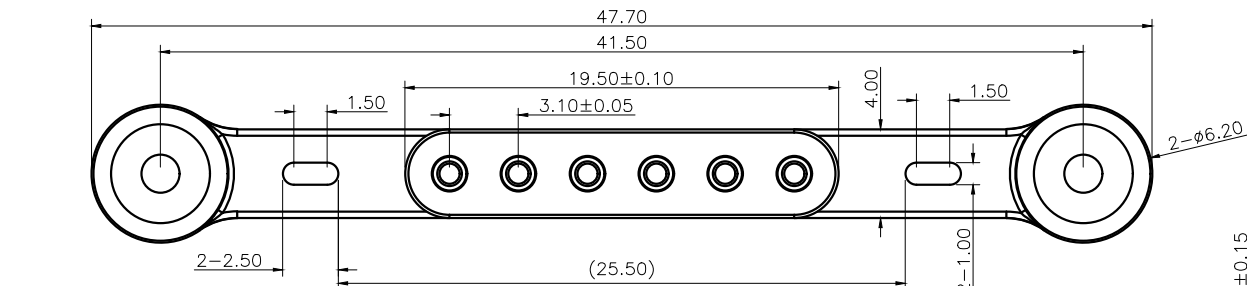


Please Approve this Drawing

Date

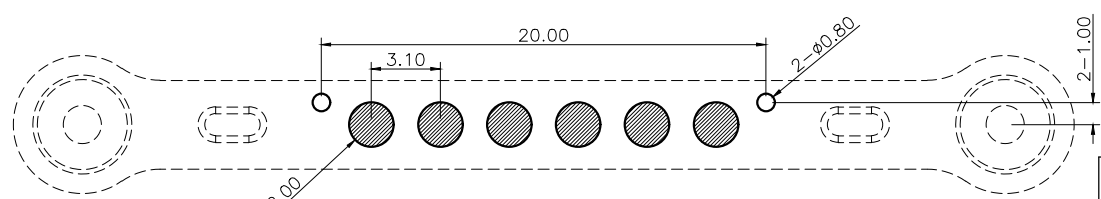
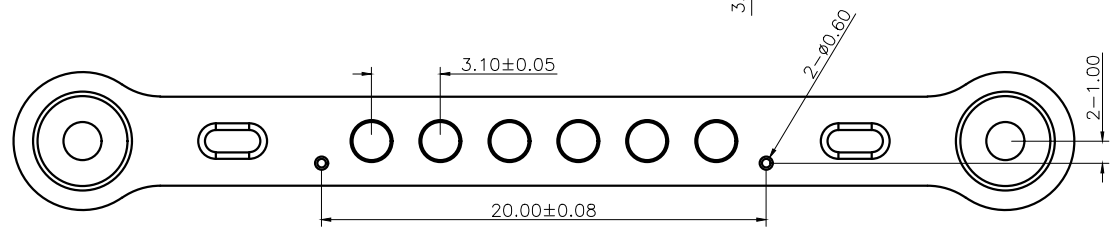
Signature

N0.	Part Name	Q'TY	Material	Plated surface
1	Plunger	6	无铅铜	AU 5U" MIN OVER 50~120 U" NI
2	Barrel	6	无铅铜	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				

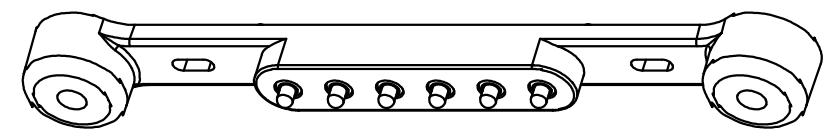


NOTES:

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.



Recommended pcb layout  
 Layout tolerance: ±0.05mm



DRAWN	lys	DATE	2021.10.18			东莞市燊瑞电子科技有限公司			
CHECKED		SCALE	10:1	VER.	A.0				
APPROVED		TITLE	pogo pin connector.			Ang:			
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		

VER.	DESCRIPTION	ECN NO.	DATE