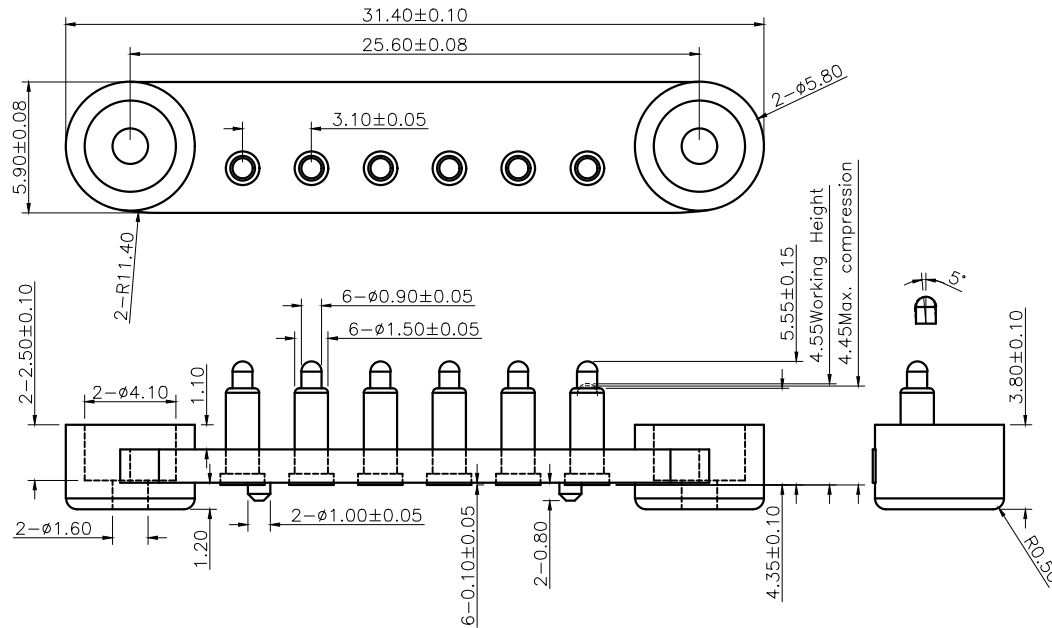


Please Approve this Drawing

Date

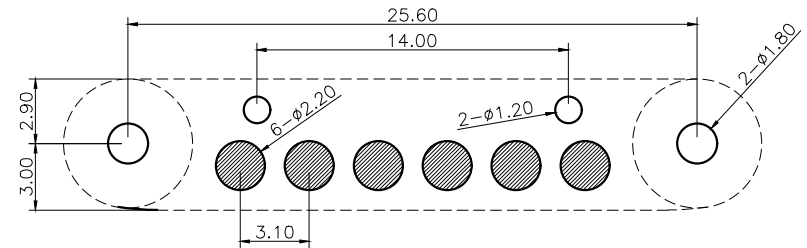
Signature

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	Ball	6	SUS	AU 1U" MIN OVER 50~120 U" NI
5	Housing	1	High temp.Plastic; UL94 V-0	Color Black

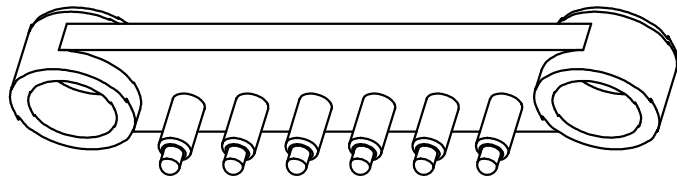


NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 3.0A
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 1.10 mm
 - .Working Store: 1.00 mm
 - .Spring Force: 60gf±20%gf at Working Height
 - .Durability:10,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -40°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	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.	NC3973-06PA			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