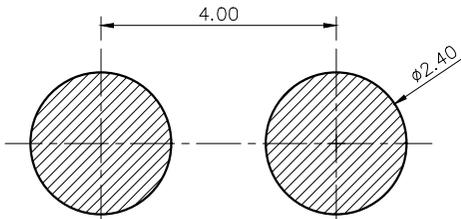
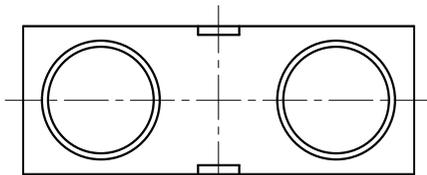
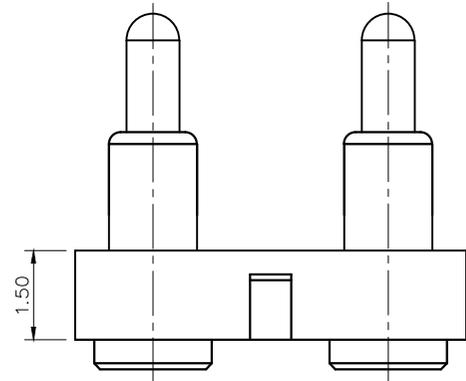
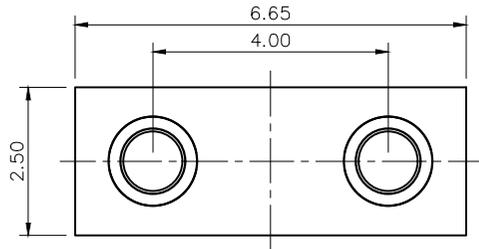


Please Approve this Drawing

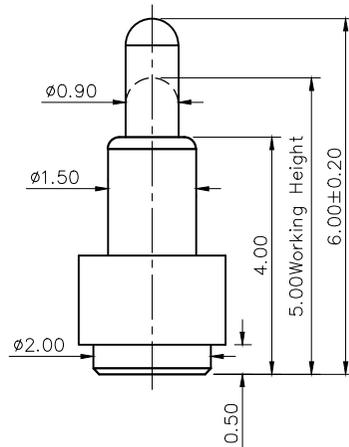
Date

Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	2	Brass	AU 3 U" MIN OVER 50~120 U" NI
2	Barrel	2	Brass	AU 3 U" MIN OVER 50~120 U" NI
3	Spring	2	SUS 304	N/A
4	Housing	1	HIGH-TEMP PLASTIC, BLACK COLOR	
5	Cap	1	HIGH-TEMP PLASTIC, BLACK COLOR	

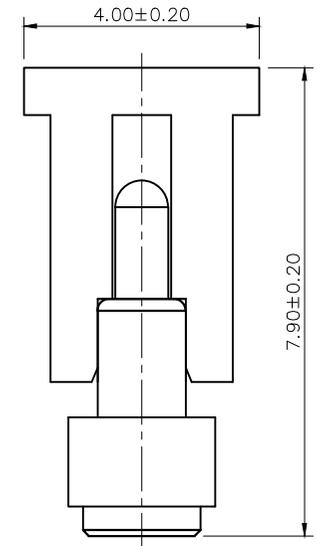
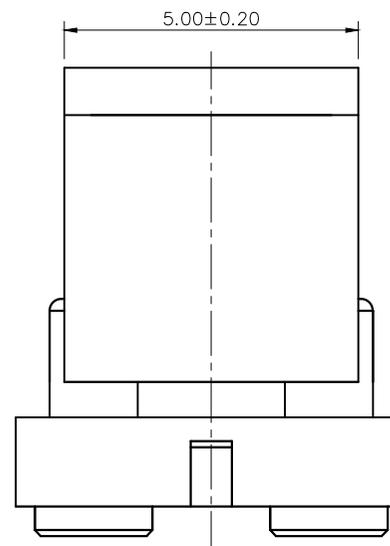


Recommended pcb layout  
layout tolerance:  $\pm 0.05\text{mm}$



NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 1A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .Full store: 1.50 mm
  - .Spring Force : 60gf $\pm 20\%$  at Working Height
  - .Durability:10,000 cycles(minimum)
- Environmental
  - .Operating Temperature:  $-25^{\circ}\text{C}\sim +85^{\circ}\text{C}$
  - .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.



DRAWN	lys	DATE	2021.03.10			 Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER.	B.0	
APPROVED		TITLE	pogo pin connector.			Ang:
PROJECT		DRAWING NO.	NC2921-02RA			0 $\pm 1^{\circ}$
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^{\circ}$
						.00 $\pm 0.25^{\circ}$
						Dim:
						0 $\pm 0.15$
						.0 $\pm 0.10$
						.00 $\pm 0.05$

VER.	DESCRIPTION	ECN NO.	DATE