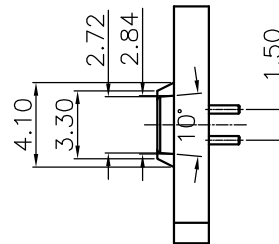
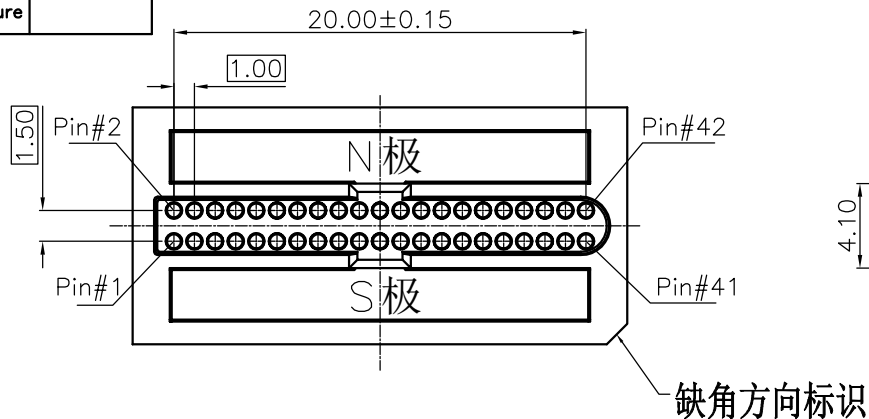


Please Approve this Drawing

Date

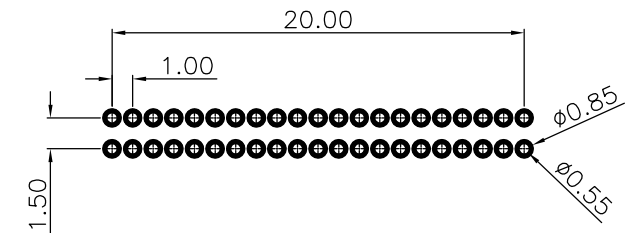
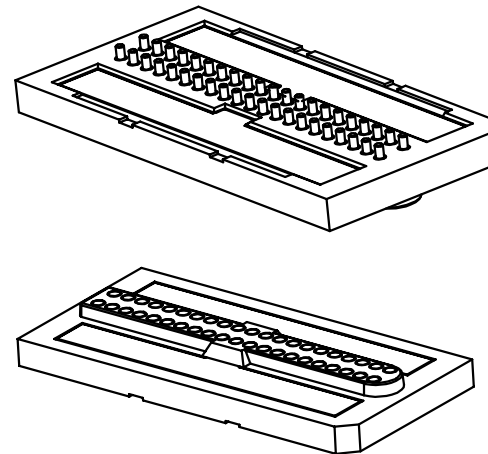
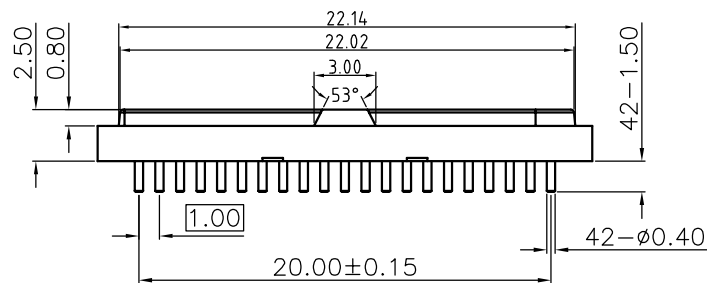
Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	PIN	42	brass	AU 5U" MIN OVER 50~100 U" NI
2	Magnet	2	N52	100U" Ni MIN.
3	Housing	1	High Temperature Plastics	UL 94V-0, BLACK

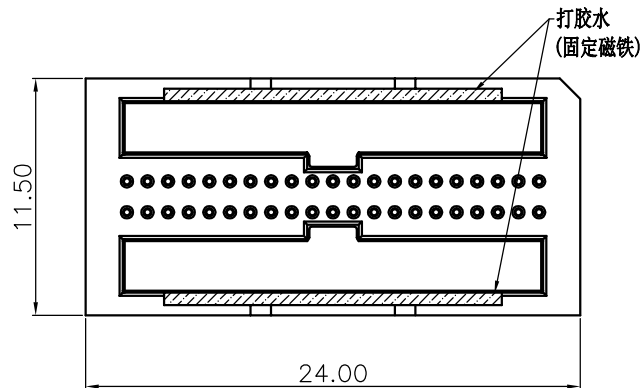




NOTES:

- Electrical
  - .Rated Current & Voltage : DC 12 V ; 2 A
  - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
  - .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.



RECOMMEND PCB LAYOUT (THK=1.6mm)  
TOLERANCE  $\pm 0.05\text{mm}$



DRAWN	Devin	DATE	2022.08.04			 Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER.	A.0	
APPROVED		TITLE	pogo pin connector.			Ang:
PROJECT		DRAWING NO.	NF4811-42PA			0 $\pm 1^\circ$
SHEET	1 of 1	UNIT	mm			.0 $\pm 0.5^\circ$
						.00 $\pm 0.25^\circ$
						Dim: 0 $\pm 0.20$
						.0 $\pm 0.15$
						.00 $\pm 0.10$

VER.	DESCRIPTION	ECN NO.	DATE