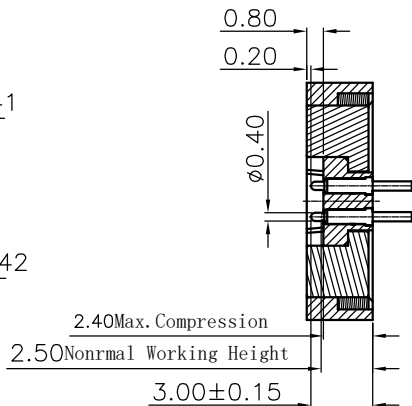
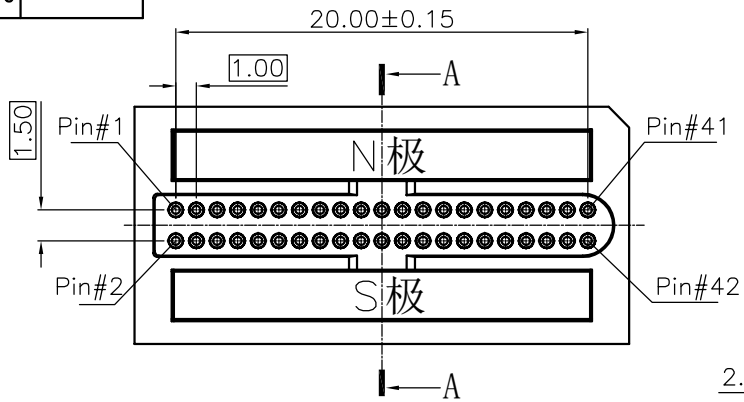
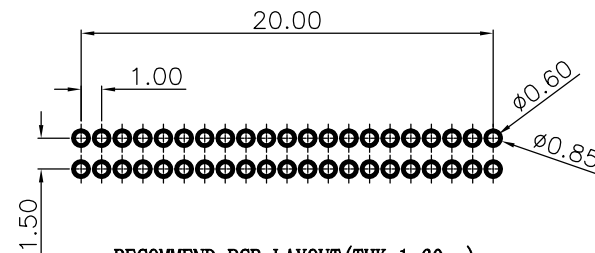
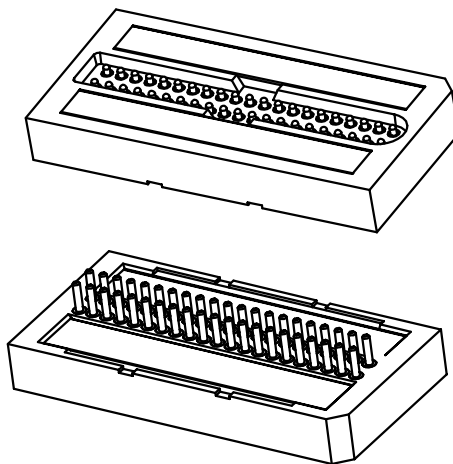
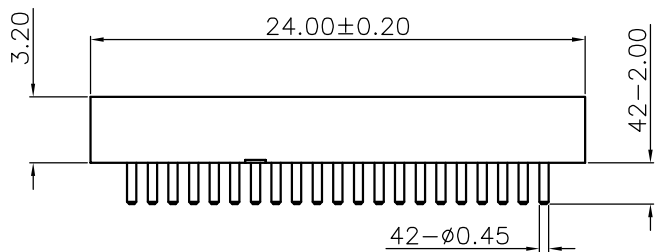


Please Approve this Drawing

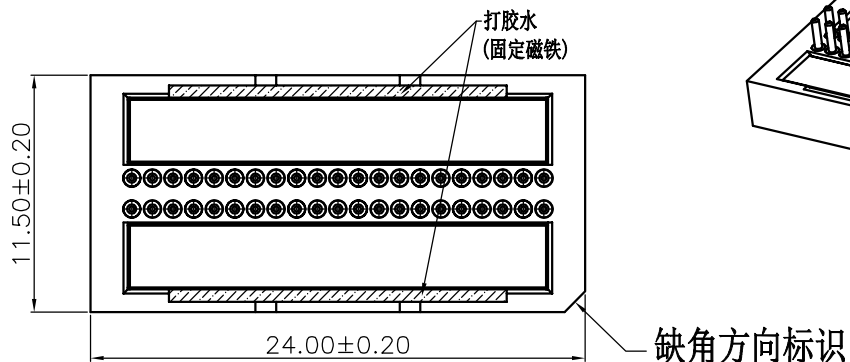
Date	
Signature	



SECTION A-A





RECOMMEND PCB LAYOUT (THK=1.60mm)
TOLERANCE ±0.05mm



NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	42	brass	AU 5 U" MIN OVER 50~100 U" NI
2	Barrel	42	brass	AU 5 U" MIN OVER 50~100 U" NI
3	Spring	42	SUS304	/
4	Magnet	2	N52	100U" Ni MIN.
5	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
 .Working Store: 0.60 mm
 .Spring Force: 40gf±15gf at Normal Working Height
 .Durability:10,000 cycles(minimum)
- Environmental
 .Operating Temperature: -25°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.

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.	NC4811-42PA		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					Dim: 0 ±0.20
					.0 ±0.15
					.00 ±0.10

VER.	DESCRIPTION	ECN NO.	DATE