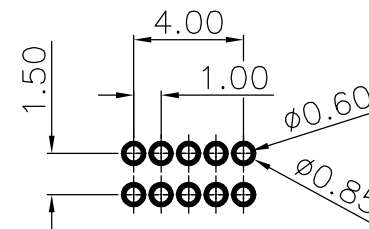
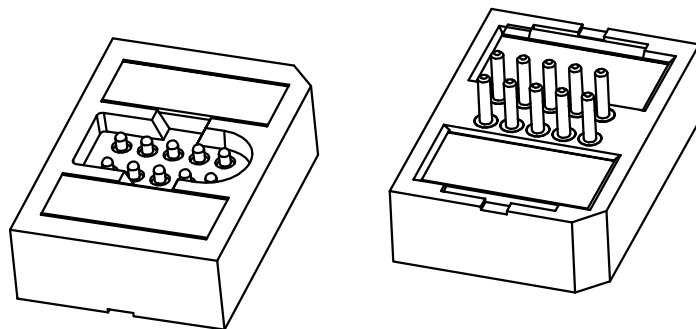
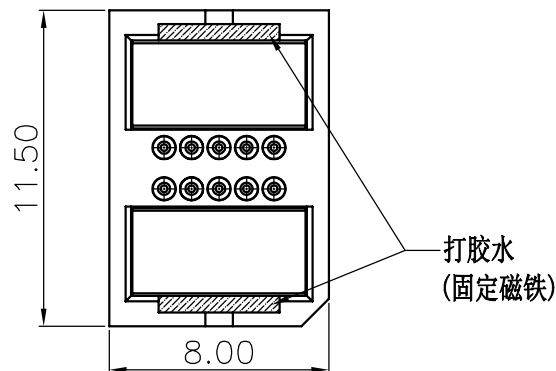
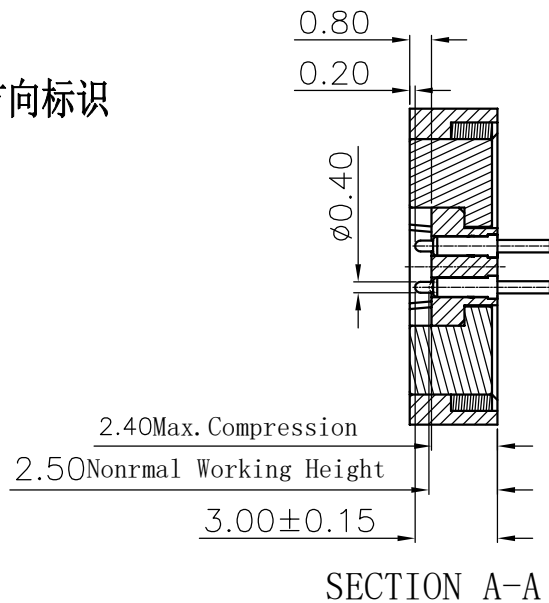
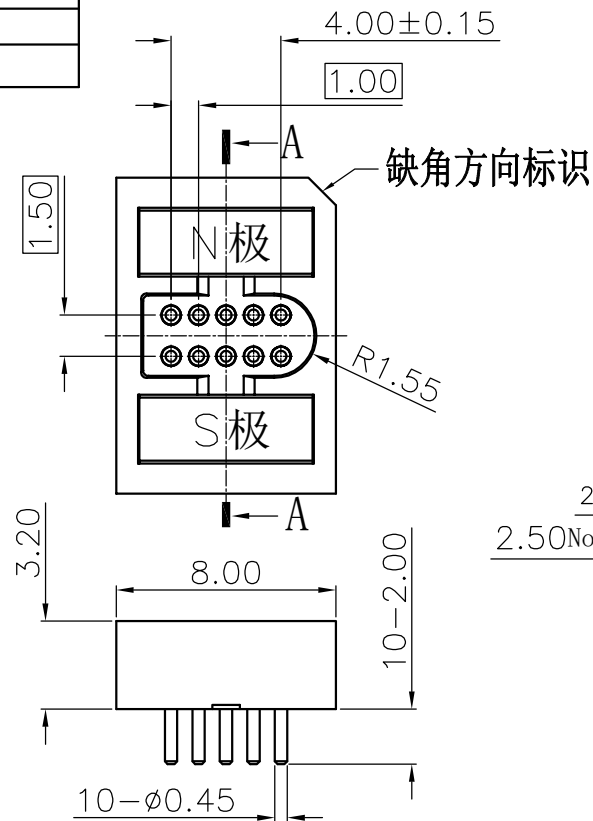


Please Approve this Drawing
Date
Signature



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

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	10	brass	AU 5 U" MIN OVER 50~100 U" NI
2	Barrel	10	brass	AU 5 U" MIN OVER 50~100 U" NI
3	Spring	10	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.	NC4812-10PA			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