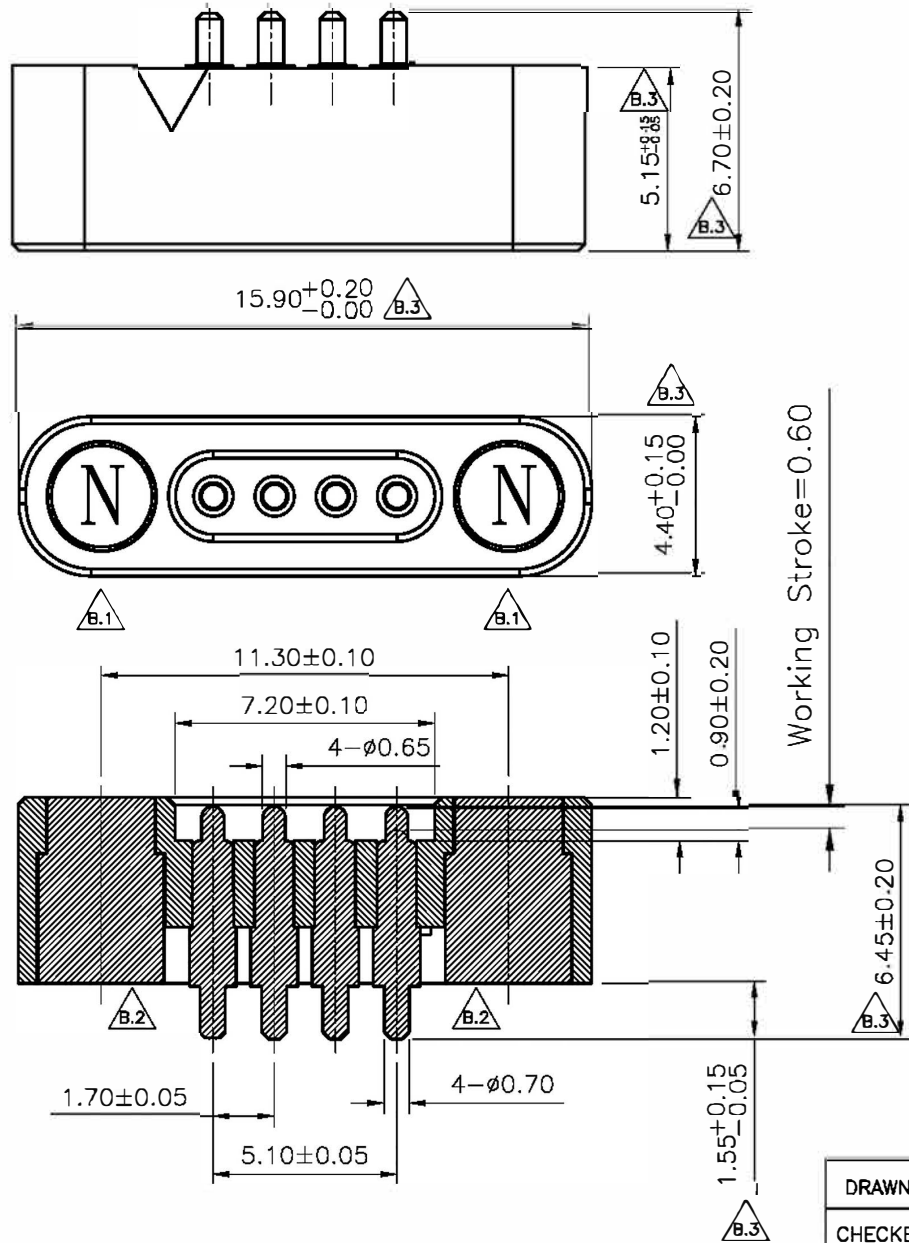


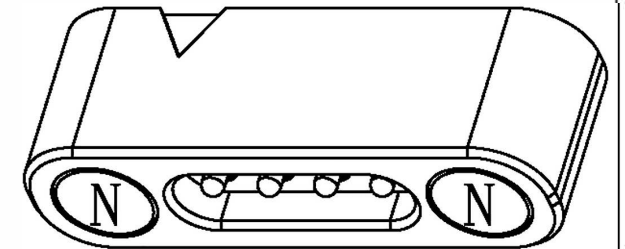
Please Approve this Drawing
Date
Signature



NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	4	无铅铜HBI59	AU 15 U" MIN OVER 50~100 U" NI
2	Barrel	4	无铅铜HBI59	AU 10 U" MIN OVER 50~100 U" NI
3	Spring	4	SUS304	AU 1 U" MIN.
4	Magnet	2	NdFeB N52	Ni 80 U" MIN.
5	Housing	1	PA9T	UL 94V-0, Black
6	Ball	4	SUS 304	Au 3u"

NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 2 A
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 0.90 mm
 - .Working Store: 0.60 mm
 - .Spring Force: 45gf±15gf at Normal Working Height
 - .Durability:100,000 cycles(minimum)
- Environmental
 - .Operating Temperature: -25°C~+85°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
- Part To Be Free Form Manufacturing Lubricants.
- 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.



VER.	DESCRIPTION	ECN NO.	DATE
B.4	材质改为无铅铜	ECN-20210624-7	20210624
B.3	修正调整尺寸公差	ECN-20191031-2	20191031
B.2	磁铁长度由3.6增加至5.15mm	ECN-20191008-2	20191008
B.1	磁铁由一N-S极更新为2个N极	ECN-20190225-1	20190225

DRAWN	TONY	DATE	2021.06.24		Dongguan Promax Electronics Technology Co., Ltd
CHECKED		SCALE	10:1	VER. B.4	
APPROVED		TITLE	pogo pin connector.		Ang:
PROJECT		DRAWING NO.	NC708-04PB		0 ±1°
SHEET	1 of 1	UNIT	mm		.0 ±0.5°
					.00 ±0.25°
					0 ±0.15
					.0 ±0.10
					.00 ±0.05