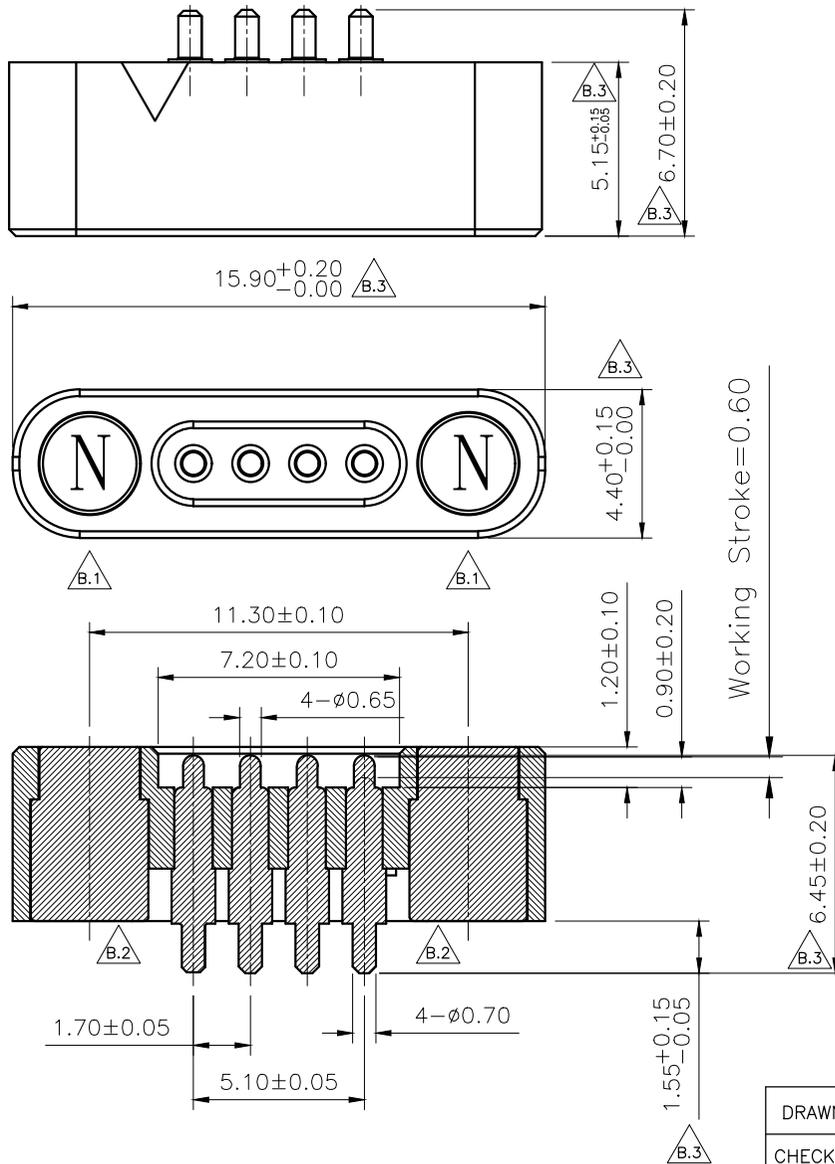


Please Approve this Drawing

Date \_\_\_\_\_

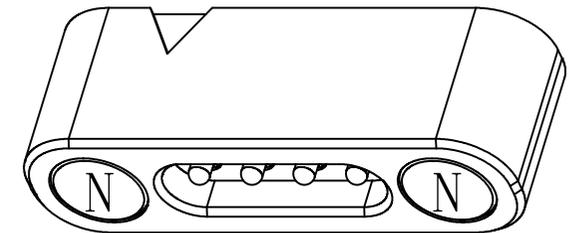
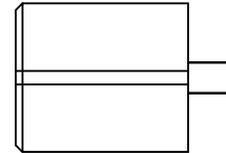
Signature \_\_\_\_\_



NO.	Part Name	Q'TY	Material	Plated surface
B.4 1	Plunger	4	HBI59	AU 15 U" MIN OVER 50~100 U" NI
B.4 2	Barrel	4	HBI59	AU 10 U" MIN OVER 50~100 U" NI
3	Spring	4	SUS304	AU 2 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		ECN-20210624-7	20210624
B.3		ECN-20191031-2	20191031
B.2		ECN-20191008-2	20191008
B.1		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:	Dim:
PROJECT		DRAWING NO.	C708-04PB	0 ±1°	0 ±0.15
SHEET	1 of 1	UNIT	mm	.0 ±0.5°	.0 ±0.10
				.00 ±0.25°	.00 ±0.05