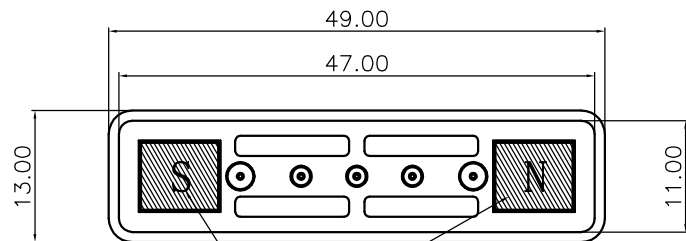
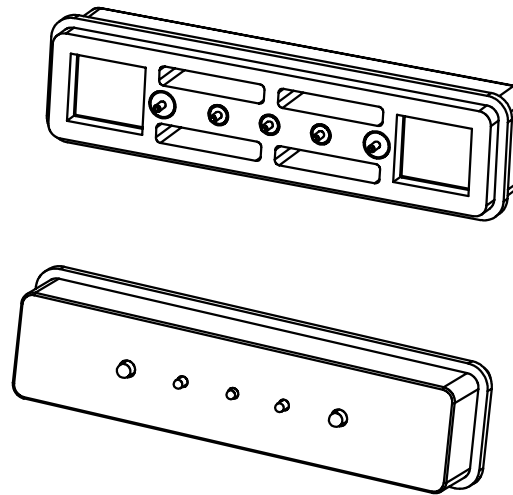
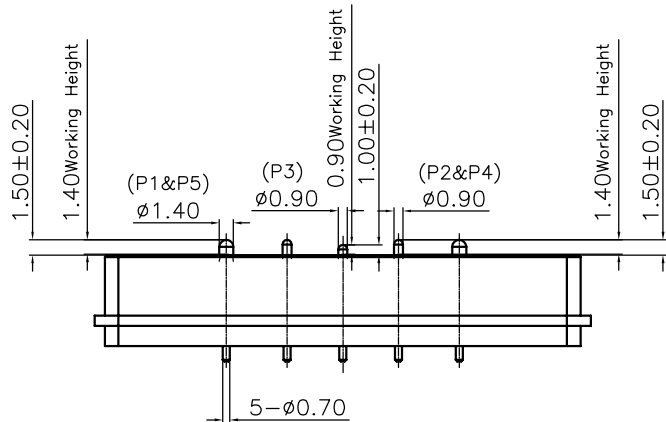
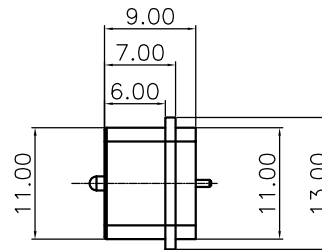
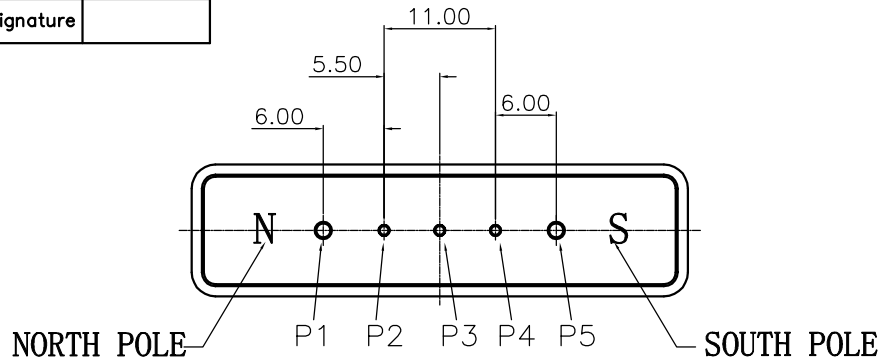


Please Approve this Drawing

Date

Signature





Make glue to fixed magnet

NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger#1	2	HBI59	DAP2-C30T30(PROMAX Plating code)
2	Barrel#1	2	HBI59	Au 5u" Min. Over 50~100u" Ni
3	Ball-2.0	2	Ball	Au 5u" Min. Over 50~100u" Ni
4	Spring#1	2	SUS304	/
5	Plunger#2	2	HBI59	DAP2-C30T30(PROMAX Plating code)
6	Barrel#2	3	HBI59	Au 3u" Min. Over 50~100u" Ni
7	Spring#2	2	SUS304	/
8	Plunger#3	1	HBI59	DAP2-C30T30(PROMAX Plating code)
9	Spring#3	1	SUS304	/
10	Magnet	2	N52	80~200u" Ni
11	Housing	1	High Temperature Plastics	UL 94V-0, BLACK
12				

NOTES:

- Electrical
 - Pogo PIN#1:
 - .Rated Current & Voltage : DC 30 V ; 5.0A MAX.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
 - Pogo PIN#2:
 - .Rated Current & Voltage : DC 30 V ; 2.0A MAX.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - Pogo PIN#1:
 - .Working Store: 1.50 mm
 - .Spring Force: 120gf±20%gf at Normal Working Height
 - .Durability:10,000 cycles(minimum)
 - Pogo PIN#2:
 - .Working Store: 1.50 mm
 - .Spring Force: 80gf±20%gf at Normal Working Height
 - .Durability:10,000 cycles(minimum)
 - Pogo PIN#3:
 - .Working Store: 1.00 mm
 - .Spring Force: 80gf±20%gf at Normal Working Height
 - .Durability:10,000 cycles(minimum)
- Male and female docking magnetic force: 4.5kgf MIN.
- Waterproofing Grade:IP65
- 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	2022.12.30			 Dongguan Promax Electronics Technology Co.,Ltd
CHECKED		SCALE	10:1	VER.	A.0	
APPROVED		TITLE	Magnet connector.			Ang:
PROJECT		DRAWING NO.	NC5587-05PA			0 ±1°
SHEET	1 of 1	UNIT	mm			.0 ±0.5°
						.00 ±0.20
						.00 ±0.10

VER.	DESCRIPTION	ECN NO.	DATE