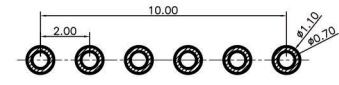
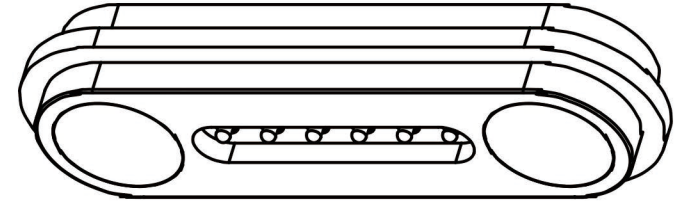
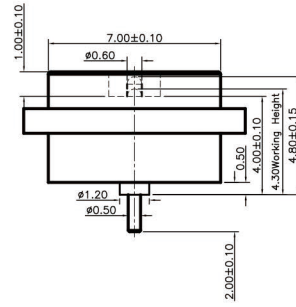
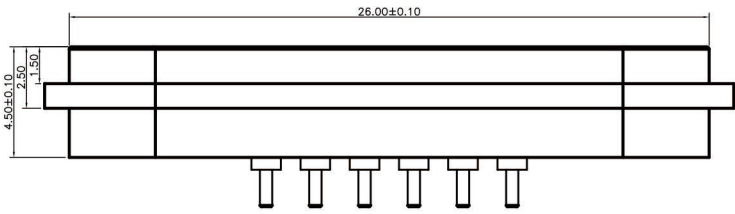
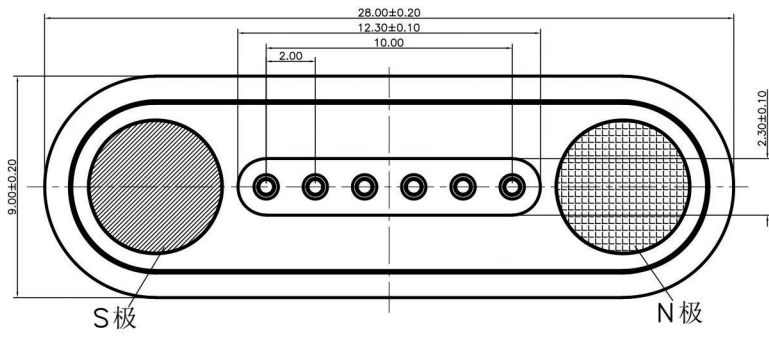


Please Approve this Drawing
Date
Signature

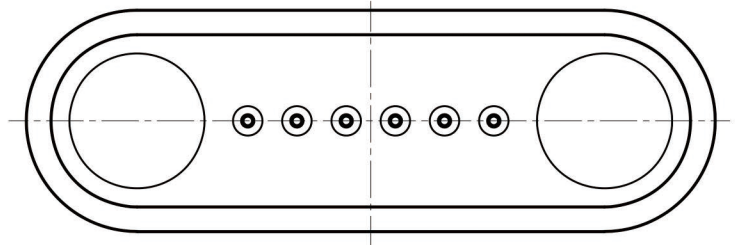
NO.	Part Name	Q'TY	Material	Plated surface
1	Plunger	6	HB159	Au 5u" Min. Over 50u" Min. Ni
2	Barrel	6	HB159	Au 3u" Min. Over 50u" Min. Ni
3	Spring	6	SUS304	/
3	Ball	6	SUS304	Au 1u" Min. Over 50u" Min. Ni
4	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
5	Magnet	2	NdFeB	Plating Ni

NOTES:

- Electrical
.Rated Current & Voltage : DC 12 V ; 3.0A Max.
.Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
.Full store: 0.70 mm
.Working Store: 0.50 mm
.Spring Force: 40gf±10gf at 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.



Recommended pcb layout
Layout tolerance: ±0.05mm



DRAWN	CDH	DATE	2022.07.22		东莞市双盟电子有限公司	
CHECKED		SCALE	10:1	VER.		
APPROVED		TITLE	pogo pin male connector.		Ang:	Dim:
PROJECT		DRAWING NO.	PPM.06-888-0502		0 ±1°	0 ±0.20
SHEET	1 of 1	UNIT	mm		.0 ±0.5°	.0 ±0.15
					.00 ±0.25°	.00 ±0.10

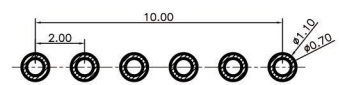
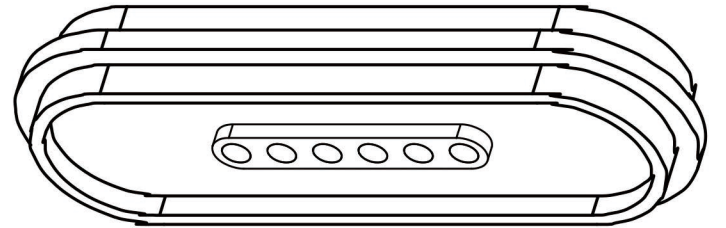
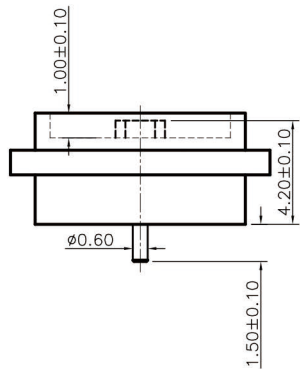
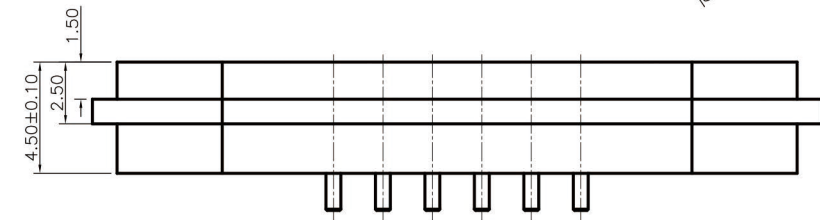
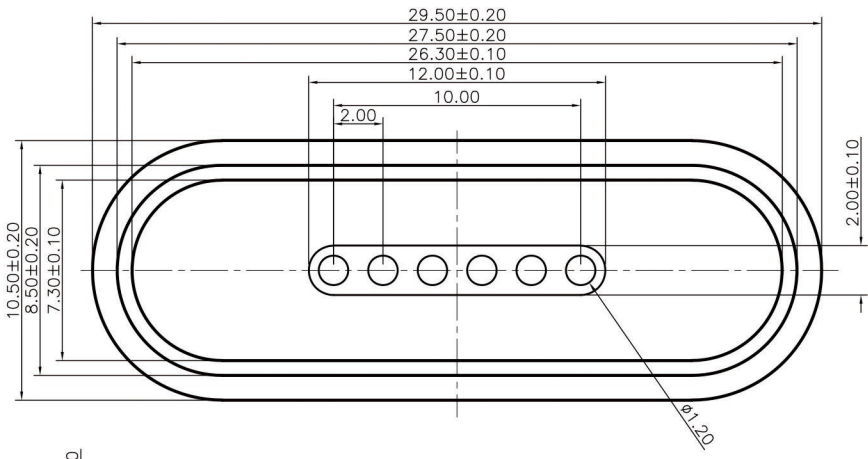
VER.	DESCRIPTION	ECN NO.	DATE
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Please Approve this Drawing
Date
Signature

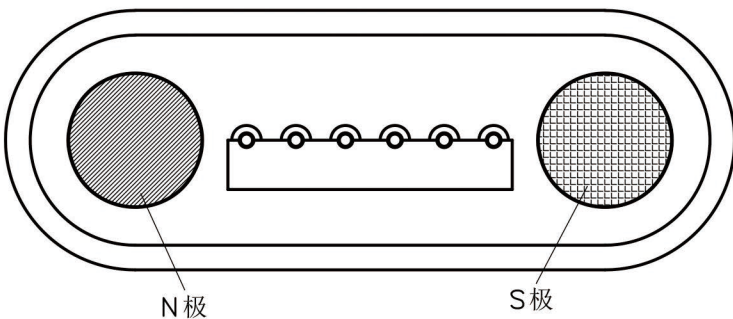
NO.	Part Name	Q'TY	Material	Plated surface
1	Pin	6	无铅铜	Au 5u" Min. OVER 50U~120" Ni
2	Magnet	2	NdFeB	Ni Plating
3	Housing	1	High temp.Plastic; UL94 V-0 Color Black	
4				

NOTES:

- Electrical
.Rated Current & Voltage : DC 12 V ; 3.0A Max.
.Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Environmental
.Operating Temperature: -40°C~+85°C
.Humidity Range: 10%RH~90%RH
.Salt Spray: 48 Hours
- .RoHs&HF compliant product.



Recommended pcb layout
Layout tolerance: ±0.05mm



DRAWN	CDH	DATE	2022.07.22		东莞市双盟电子有限公司	
CHECKED		SCALE	10:1	VER.		
APPROVED		TITLE	pogo pin female connector.		Ang:	Dim:
PROJECT		DRAWING NO.	PPF.06-888-0502		0 ±1°	0 ±0.15
SHEET	1 of 1	UNIT	mm		.0 ±0.5°	.0 ±0.10
					.00 ±0.25°	.00 ±0.05

VER.	DESCRIPTION	ECN NO.	DATE
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