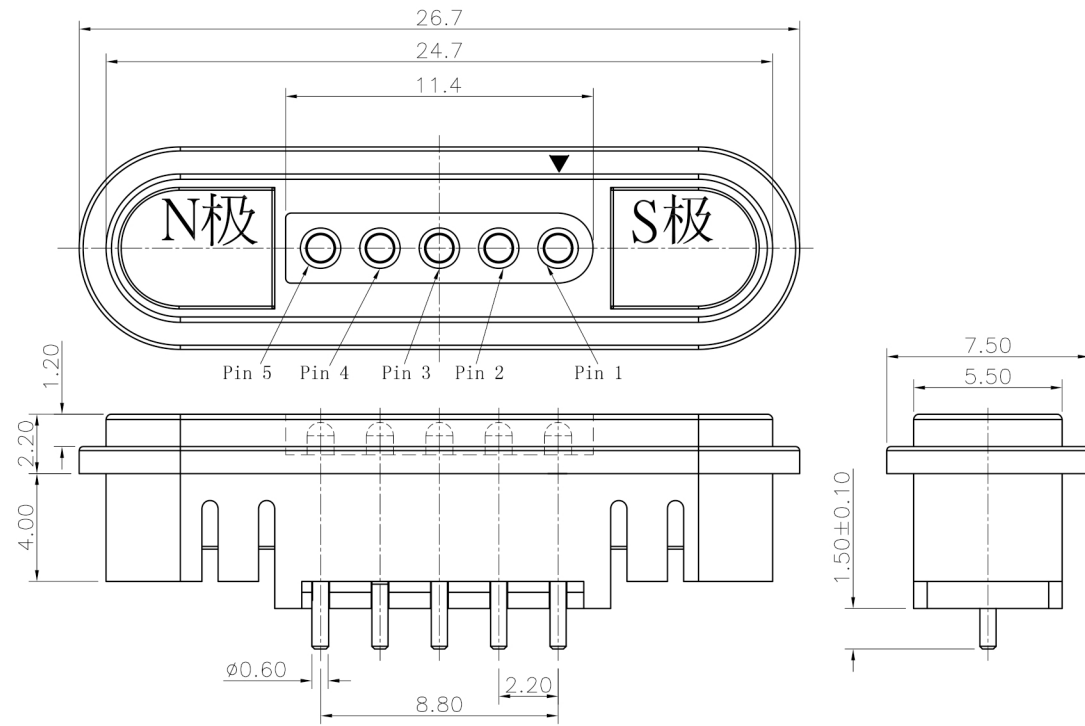


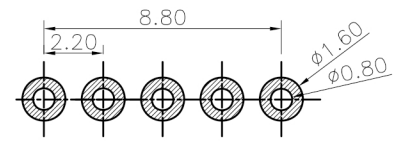
Please Approve this Drawing
Date
Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	PoGo Pin	5	无铅铜	Au 5u" Min. Over 50u" Min. Ni
2	Housing	1	High temp.Plastic; UL94 V-0	Color Black
3	Magnet	2	NdFeB N35	Plating Ni
4				
5				



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A Max.
 - .Contact Resistance: 50 mohm maximum at Working Height(Quiescence)
- Mechanical
 - .Full store: 1.20 mm
 - .Working Store: 1.00 mm
 - .Spring Force: 80gf±20gf 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.
- .公母配对公差±0.15



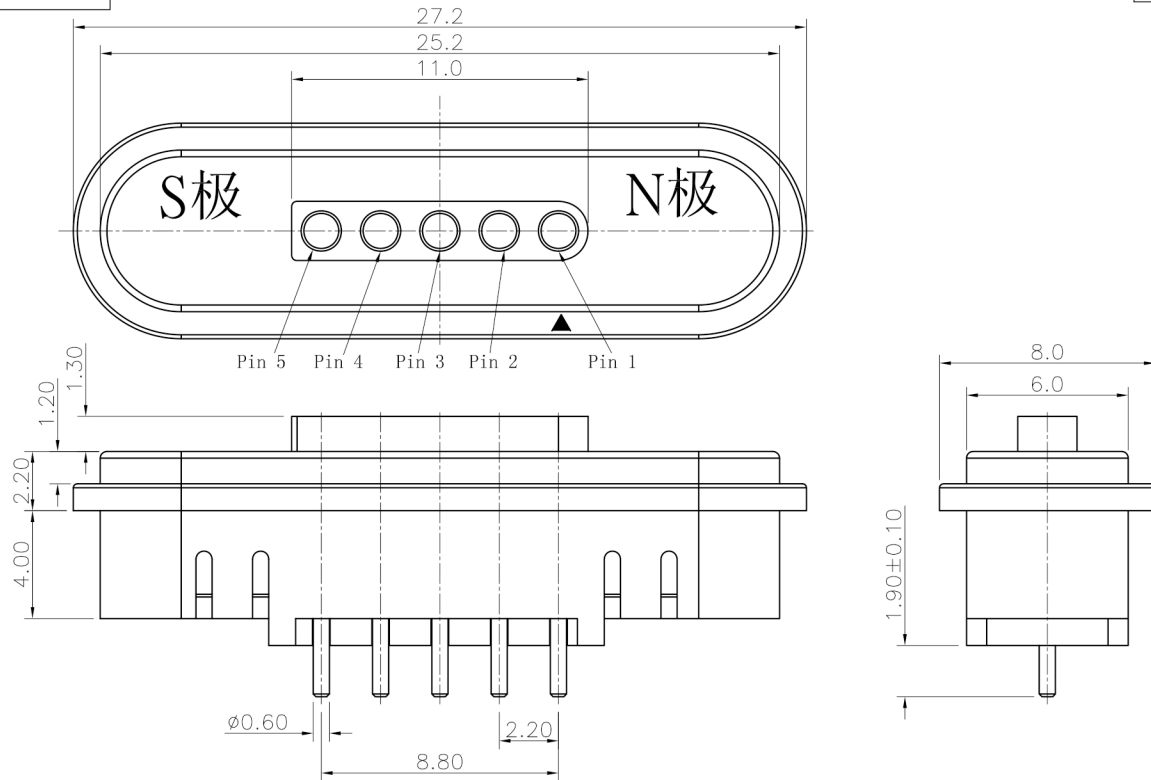
Recommended pcb layout
Layout tolerance: ±0.05mm

DRAWN	lys	DATE	2021.05.27		东莞市双盟电子有限公司
CHECKED		SCALE	10:1	VER. B.0	
APPROVED		TITLE	pogo pin connector.		Ang:
PROJECT	⊕	DRAWING NO.	PPM.05-336-0503		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

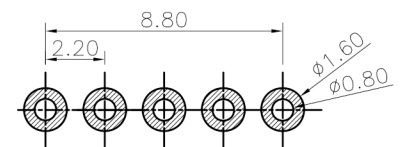
Please Approve this Drawing
Date
Signature

NO.	Part Name	Q'TY	Material	Plated surface
1	Pin	5	无铅铜	Au 5u" Min. Over 50u" Min. Ni
2	Housing	1	High temp.Plastic; UL94 V-0	Color Black
3	Magnet	2	NdFeB N35	Plating Ni
4				
5				



NOTES:

- Electrical
 - .Rated Current & Voltage : DC 12 V ; 1.0A
 - .Contact Resistance:50 mohm maximum at Working Height(Quiescence)
 - .Insulation Resistance: 1000MΩ Min. at 1000VDC/Minute
 - .Dielectric Withstanding Voltage: At 500VAC/Minute No Breakdown
- Environmental
 - .Operating Temperature: -20°C~+80°C
 - .Humidity Range: 10%RH~90%RH
 - .Salt Spray: 48 Hours
- RoHs&HF compliant product.
- .公母配对公差±0.15



Recommended pcb layout
Layout tolerance: ±0.05mm

DRAWN	lys	DATE	2021.05.27		东莞市双盟电子有限公司
CHECKED		SCALE	10:1	VER. B.0	
APPROVED		TITLE	pin connector.		Ang:
PROJECT	⊕	DRAWING NO.	PPF.05-336-0503		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