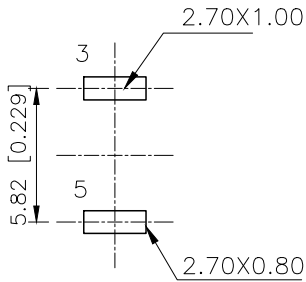
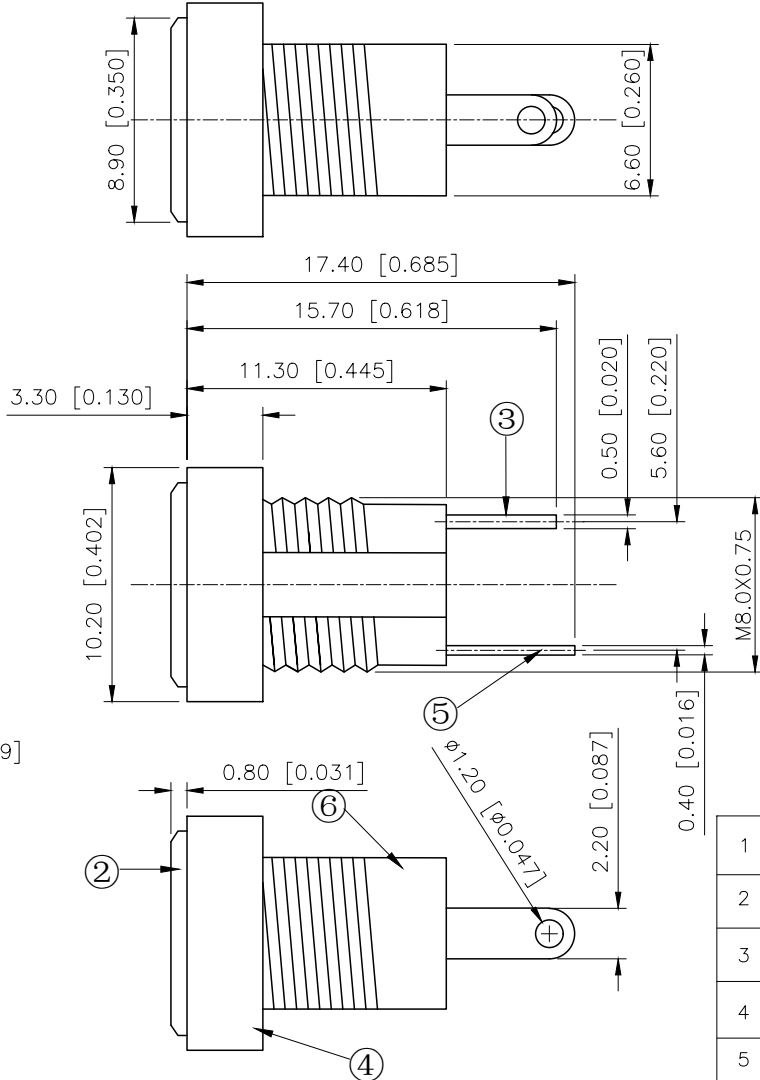
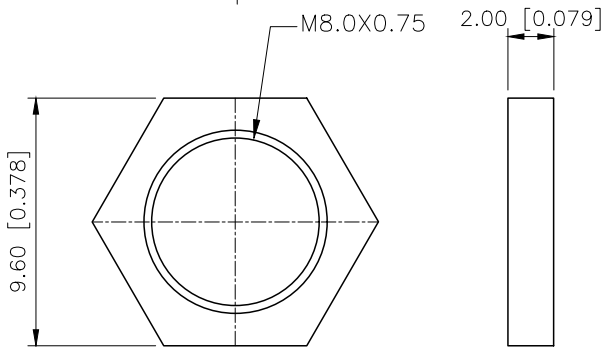
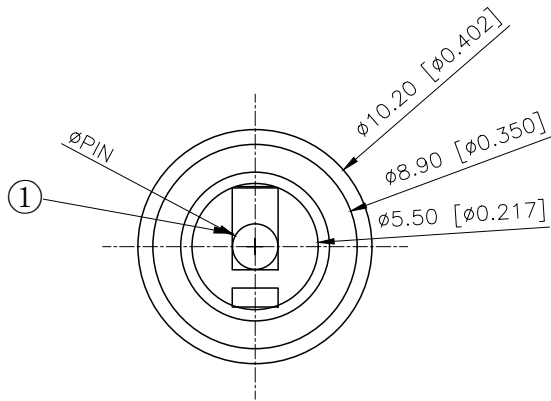


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A1	N/A		尺寸修正, 图面升级整理图面	2024.12.13	阿树
A2	N/A		正负极序号修正	2025.04.15	阿树

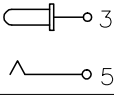


PCB LAYOUT



Specifications (规格):

- 1.Voltage rating (额定电压): DC 30V
- 2.Current rating (额定电流): 0.5A AC/DC
- 3.Withstanding voltage (耐压值): $\geq AC500V(50Hz)$ /minute
- 4.Insulation resistance (绝缘电阻): $\geq 100M\Omega$ Min
- 5.Contact resistance (接触电阻): $\leq 30m\Omega$ Max
- 6.Mating cycles (使用寿命): 5000 cycles Min
- 7.Insertion and extraction force (插拔力): 3~20N
- 8.Temperature range (使用温度): $-30^{\circ}C \sim +70^{\circ}C$

SCHEMATIC	
Model	DC-022B
Center Pin	$\phi 2.0mm$ $\phi 2.5mm$

1	Pin	1	Brass	$\phi 2.00 \& \phi 2.50$	Nickel
2	Copper sleeve	1	Brass	$\phi 9.80$	Copper-plated bottom And Tin Plated
3	Plain	1	Brass	T=0.50	Copper-plated bottom And Tin Plated
4	Nut	1	Zinc alloy		Copper-plated bottom And Tin Plated
5	Shrapnel	1	Brass	T=0.40	Copper-plated bottom And Tin Plated
6	Pedestal	1	PA66	Black	
NO	NAME	QTY	MATERIAL	SPECIFICATIONS	PLATING

AuGLAR	$\pm 5^{\circ}$
X.	± 0.40
X.x	± 0.30
X.xx	± 0.20
X.xxx	± 0.15
UNSPECIFIED TOLERANCES	



DESIGN	阿树	VIEW:		MODEL TYPE:	DC POWER JACK
CHECKED		UNIT:	mm/in	PART NO.:	DC-022B-X
APPROVED		SIZE:	A4	DWG NO.:	