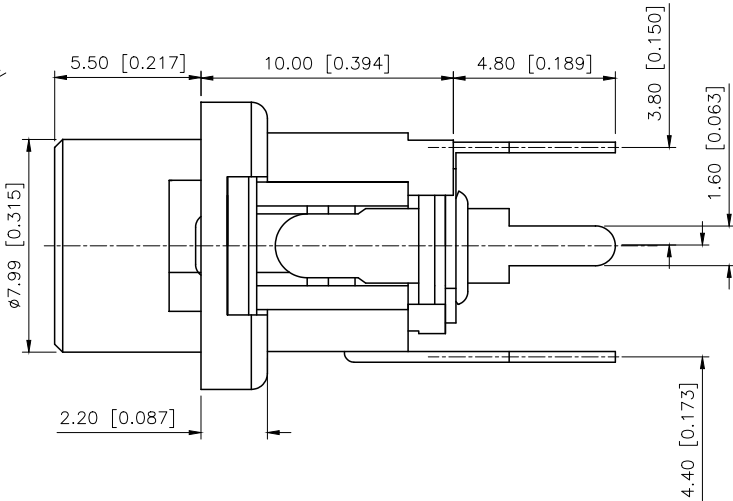
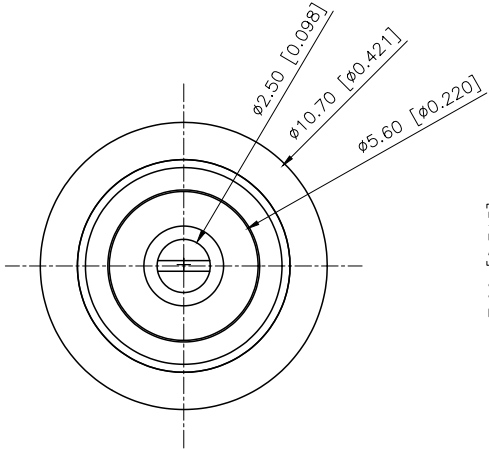
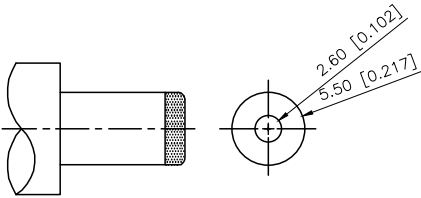
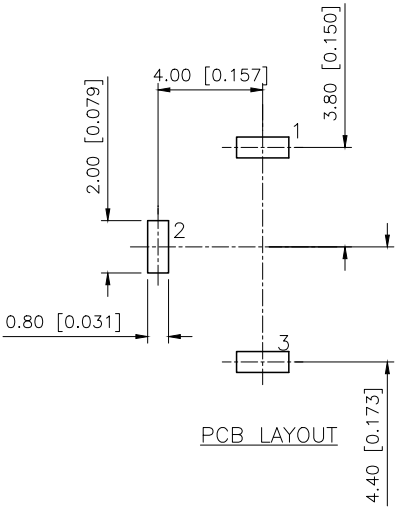


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.07.21	阿树



Main technical performance

主要技术性能
Rated electric load: DC 30V \ 5.0A
额定电负荷 DC 30V\5.0A
Contact resistance $\leq 30\text{m}\Omega$
接触电阻 $\leq 30\text{m}\Omega$
Insulation resistance $\geq 100\text{M}\Omega$
绝缘电阻 $\geq 100\text{M}\Omega$
Withstand voltage AC500V (50Hz) / min
耐压 AC500V(50Hz)/min
Insertion force: 3-20N
插拔力 3-20N
Operating temperature range: - 30-70 °C
使用温度范围 -30-70℃
Service life: 5000 times
使用寿命 5000次



MATING PLUG
Jack Insertion Depth: 9.0 mm

SCHEMATIC	
Model	DC-026-5A
Center Pin	$\phi 2.0\text{ mm}$
	$\phi 2.5\text{ mm}$

Terminal 3	Phosphor Bronze	Tin
Terminal 2	Brass	Tin
Terminal 1	Brass	Tin
Center pin	Brass	Tin
Plastic	PBT	
Axle sleeve	Brass	Tin
PAPT NAMF	MATERIAL	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-026-5A-2.5
APPROVED		SIZE: A4	DWG NO.: