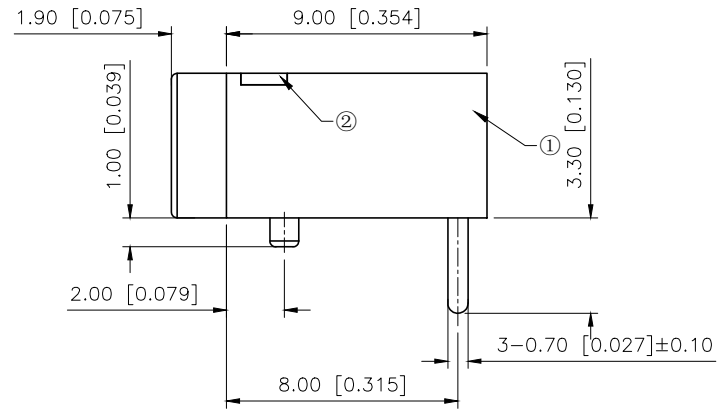
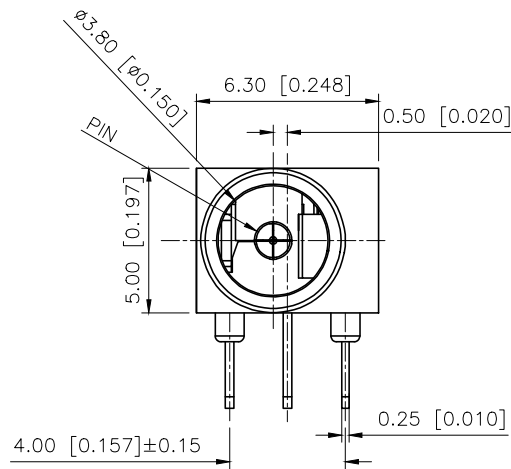
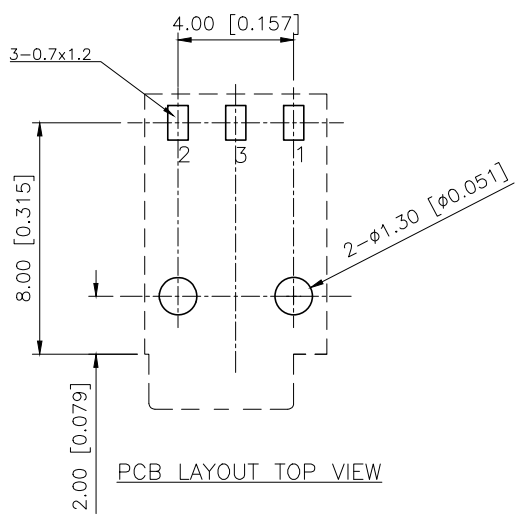
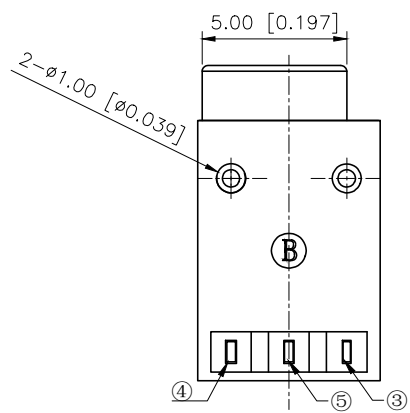


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2026.02.24	阿树
/	/		/	/	/



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): ≥500V AC/minute
4.Insulation resistance (绝缘电阻): ≥100MΩ Min
5.Contact resistance (接触电阻): ≤30mΩ Max
6.Mating cycles (使用寿命): 5000 cycles Min
7.Insertion and extraction force (插拔力): 3~30N
8.Temperature range (使用温度): -30℃~+70℃



SCHEMATIC	
Model	DC-003A-3.5A
Center Pin	Ø1.0 mm Ø1.3 mm

⑤	Round needle	1	Brass φ1.3	CuSn
④	Bend sheet	1	Broze t=0.3	CuSn
③	Tip spring	1	Manganese steel t=0.25	SnSb
②	Cover	1	PA66	Black
①	Housing	1	PPA	Black
N0	PAPT NAMF	QTY	MATERIAL	FEATURES

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAUCES	



DESIGN	阿树	VIEW:		MODEL TYPE:	DC POWER JACK
CHECKED		UNIT:	mm/in	PART NO.:	DC-003A-3.5A-1.3
APPROVED		SIZE:	A4	DWG NO.:	