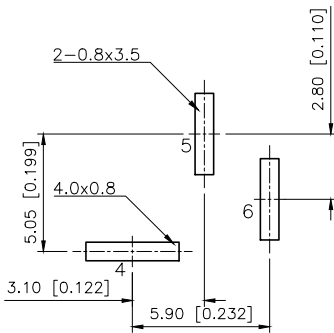
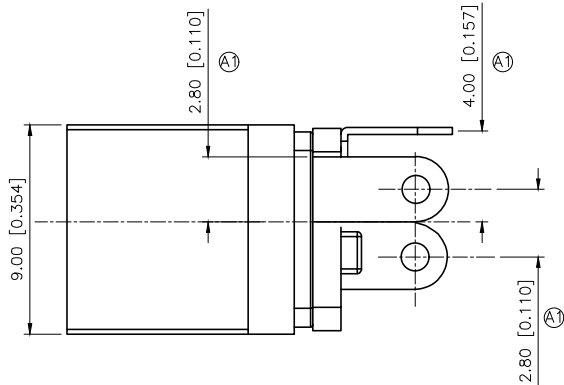
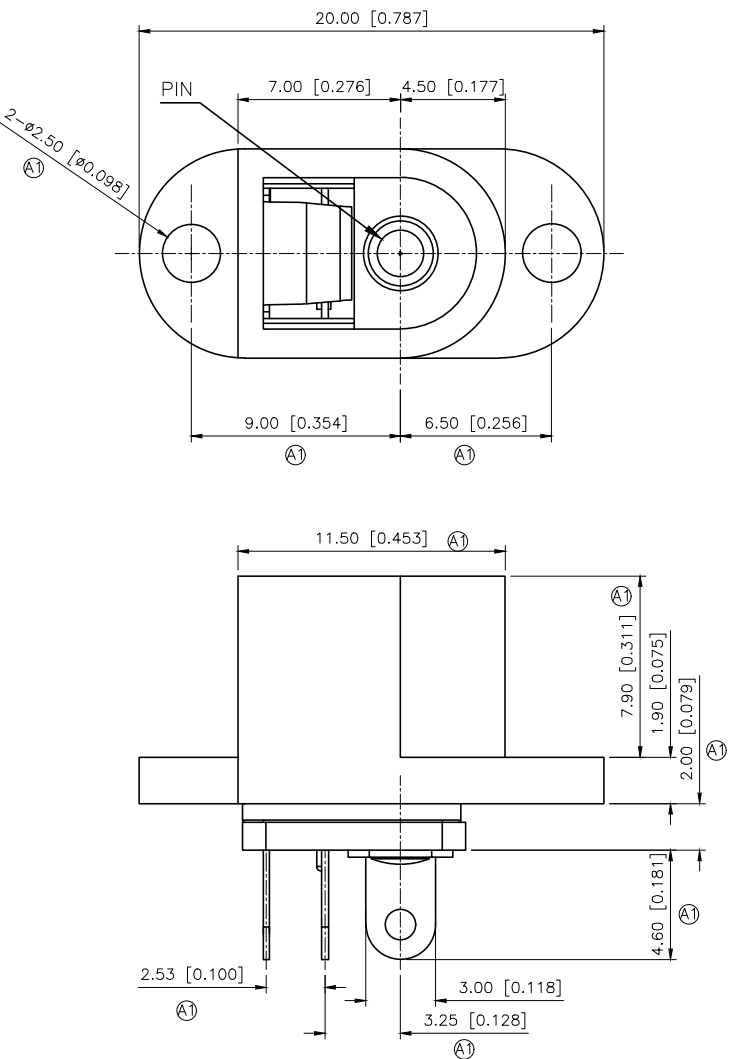


REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A	(A1)X12	产品尺寸变更, 图面升级整理图面	2025.07.21	阿树



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): $\geq 500V$ AC/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-016-2.5A
Center Pin	$\varnothing 2.0$ mm
	$\varnothing 2.5$ mm

6	Shrapnel	1	Manganese steel (phosphor copper)	T=0.25	Copper tin
5	Inserts	1	H62 brass strip	T=0.35	Copper tin
4	Plain	1	H62 brass strip	T=0.30	Copper tin
3	Cen PIN	1	H62 brass rod		Copper tin
2	Cover	1	H62 brass rod		
1	Pedestal	1	PBT	black	
No.	PART NAME	QTY	MATERIAL(THICK)	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-016-2.5A-2.0
APPROVED		SIZE:	A4	DWG NO.:	

SCALE	PAGE	REVISION
N/A	1/1	A1