

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.10.13	阿树

Specifications (规格):

- 1.Voltage rating (额定电压): DC 30V
- 2.Current rating (额定电流): 3A AC/DC
- 3.Withstanding voltage (耐压值): $\geq 250V$ AC/minute
- 4.Insulation resistance (绝缘电阻): $\geq 100M\Omega$ Min
- 5.Contact resistance (接触电阻): $\leq 20m\Omega$ Max
- 6.Mating cycles (使用寿命): 5000 cycles Min
- 7.Insertion and extraction force (插拔力): 3~15N
- 8.Temperature range (使用温度): $-30^{\circ}C \sim +70^{\circ}C$

SCHEMATIC	
Model	DC-044D-2.5A
Center Pin	$\varnothing 2.0$ mm
	$\varnothing 2.5$ mm

5	PIN	1	H59 Brass(Y)	D.Cu/Sn
4	Terminal 3	1	H62 Brass $\varnothing=0.3mm$	D.Cu/Sn
3	Terminal 2	1	H62 Brass $\varnothing=0.3mm$	D.Cu/Sn
2	Terminal 1	1	Phosphor Bronze $\varnothing=0.33mm$	D.Sn/Sb
1	Pedestal	1	PA9T	Black
NO	PAPT NAMF	QTY	MATERIAL	PLATING/COLOR

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-044D-2.5A-2.0-SMT
APPROVED		SIZE:	A4	DWG NO.:	X-DC-044D-2.5A-2.0-SMT

SCALE	PAGE	REVISION
N/A	1/1	A1

