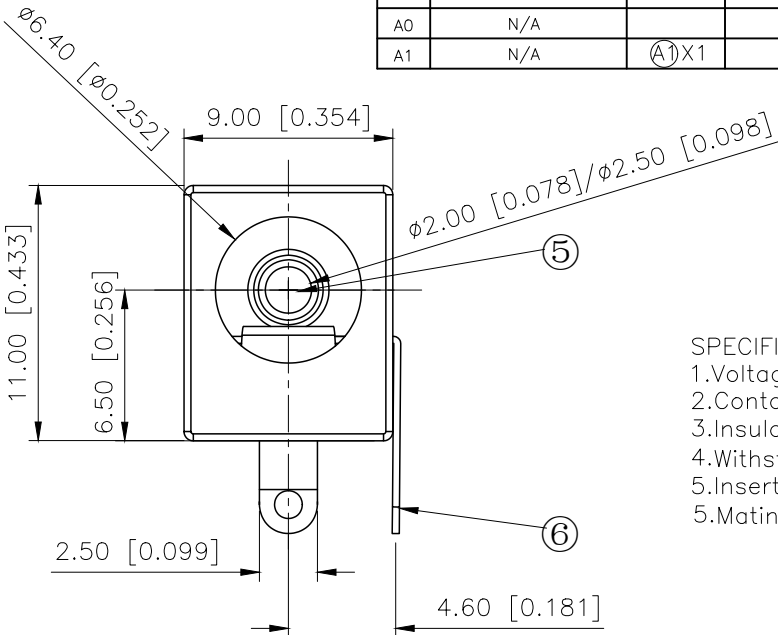
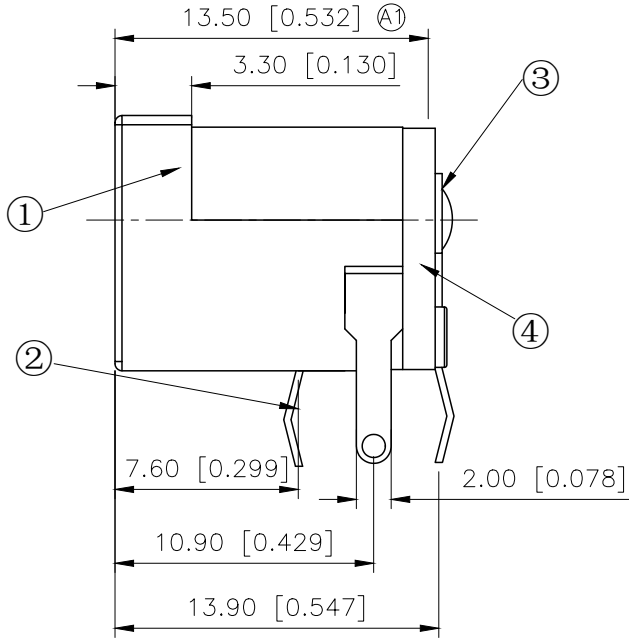


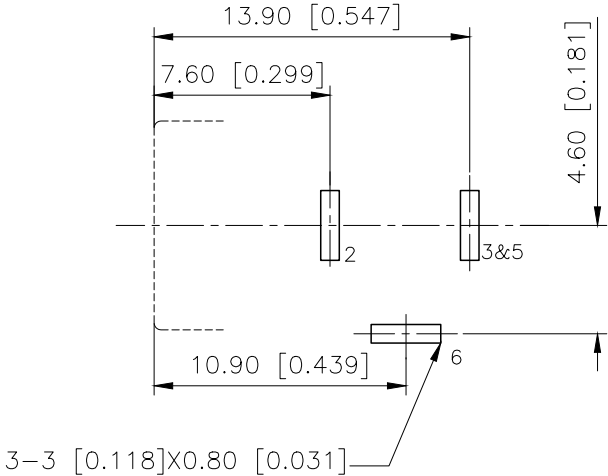
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A	(A1)X1	产品尺寸变更，图面升级整理图面	2025.08.16	阿树



SPECIFICATIONS:

- 1.Voltage rating: 30V 2.5A
- 2.Contact resistance: $\leq 0.03\Omega$
- 3.Insulation resistance: $\geq 100M\Omega$
- 4.Withstanding voltage: AC500V(50HZ)/min
- 5.Insertion and extraction force: 3~20N
- 5.Mating cycles: 5.000次

SCHEMATIC	
Model	DC-005A-2.5A
Center Pin	$\varnothing 2.0$ mm
	$\varnothing 2.5$ mm



PCB LAYOUT

6	Bends	1	H62 Brass band (Y) =0.30mm	Copper-plated bottom And Tin Plated
5	Pin	1	H62 Brass rods	Copper-plated bottom And Tin Plated
4	Back cover	1	PBT	Black
3	Plain	1	H62 Brass band (Y) =0.30mm	Copper-plated bottom And Tin Plated
2	Reeds	1	65Mn Anganese copper strip T=0.20mm	Copper-plated bottom And Tin Plated
1	Pedestal	1	PBT	Black
NO	NAME	QTY	MATERIAL	Remark

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

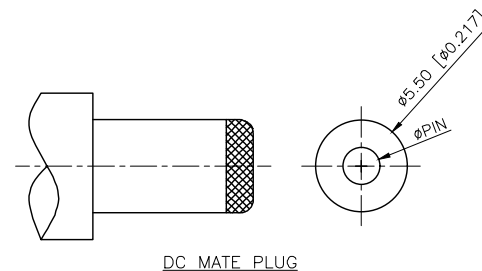
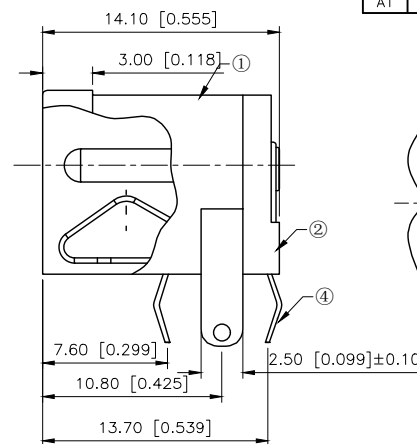
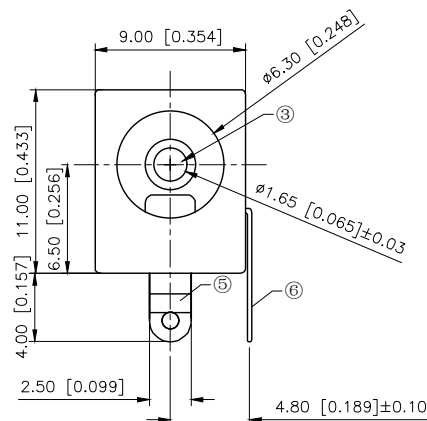


DESIGN	阿树	VIEW:		MODEL TYPE:	DC POWER HACK
CHECKED		UNIT:	mm/in	PART NO.:	DC-005A-2.5A-2.0
APPROVED		SIZE:	A4	DWG NO.:	

XKB INDUSTRIAL PRECISION CO.,LIMITED

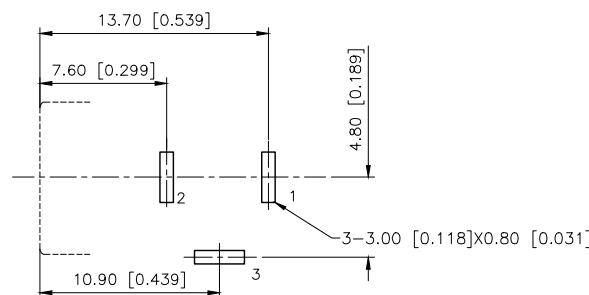
SCALE	PAGE	REVISION
N/A	1/1	A1

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	/		图面升级整理图面	2025.08.11	阿树



- SPECIFICATIONS:
- 1.Voltage rating: 20V 3A
 - 2.Contact resistance: ≤50mΩ
 - 3.Insulation resistance: ≥100MΩ
 - 4.Withstanding voltage: AC500V(50HZ)/min
 - 5.Insertion and extraction force: 3~30N
 - 5.Mating cycles: 5,000次
 5. Temperature range:-25℃~+85℃

SCHEMATIC	
	1
	2
Model	DC-005A-2.5A
Center Pin	Ø1.65mm



PCB LAYOUT

6	Terminal 3	1	C5210 Brass=0.30mm	SN-Plating
5	Terminal 2	1	C5191 Phosphor copper =0.30mm	SN-Plating
4	Terminal 1	1	C5210 Brass=0.30mm	SN-Plating
3	PIN	1	Brass=0.30mm	SN-Plating
2	Cover	1	PBT(Black)	YELLOW
1	Pedestal	1	PBT(Black)	YELLOW
NO	NAME	QTY	MATERIAL	PLATING/COLOR

AuGLAR	±5°
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 HACK
CHECKED	桑葚	UNIT:	mm/in	PART NO.:	DC-005A-2.5A-1.65
APPROVED	桑葚	SIZE:	A4	DWG NO.:	/
			SCALE	PAGE	REVISION
			N/A	1/4	A0