

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.09.27	

Specifications()

1.Voltage rating():DC 30V

2.Current rating():8A AC/DC

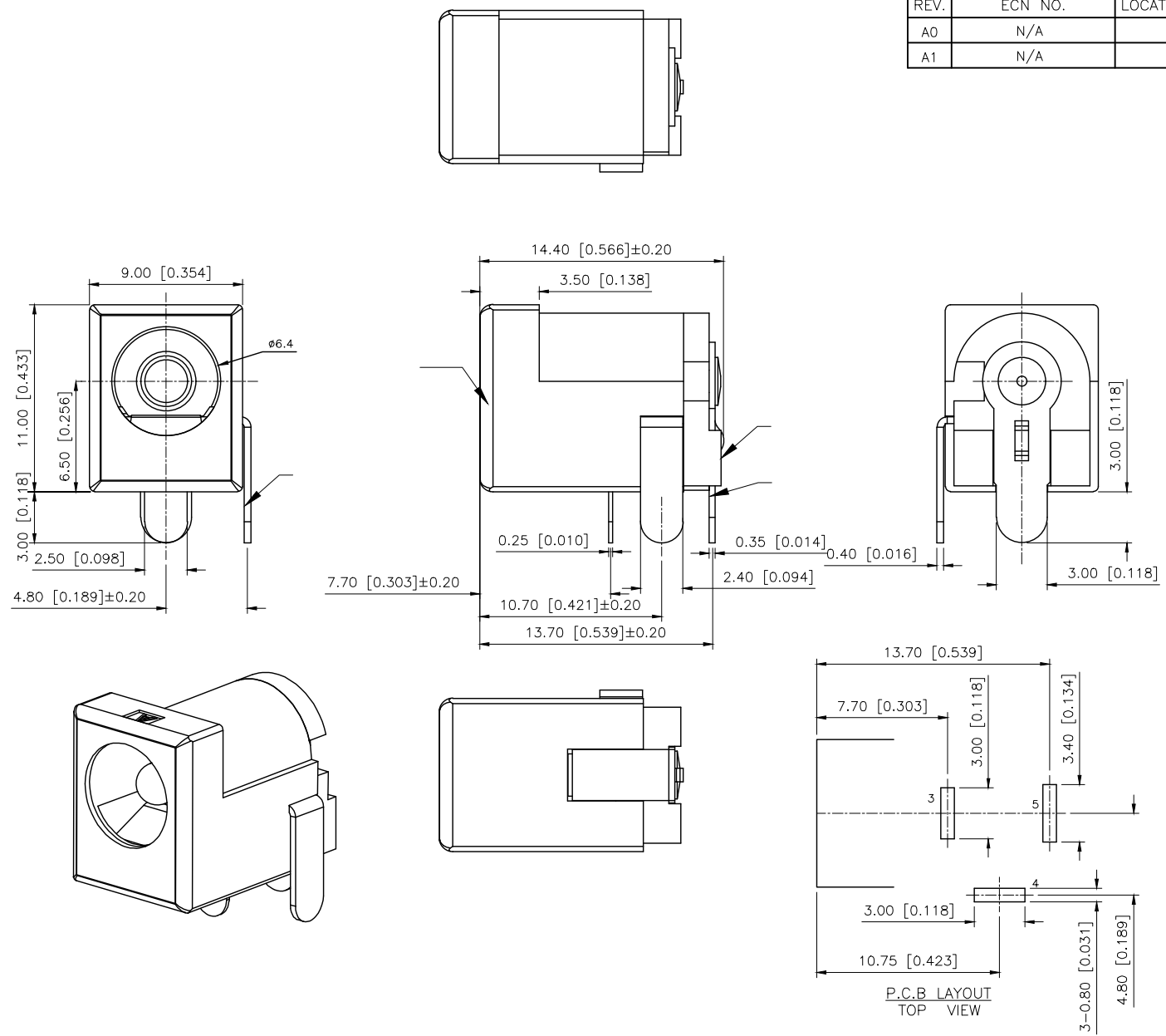
3.Withstanding voltage():≥500V AC/minute

4.Insulation resistance():≥100MΩ Min(DC250V)

5.Contact resistance():≤30mΩ Max

6.Mating cycles 5000 cycles Min

7.Insertion and extraction force 3~20N



SCHEMATIC	
Model	DC-005R-8A
Center Pin	Ø2.0 mm Ø2.5 mm

6	PIN	1	Red metal	Ni-Plating
5	FLAT FOOT	1	C2680 T=0.35	Ag-Plating
4	CURVE PIECE	1	C2680 T=0.40	Ag-Plating
3	SPRING PIECE	1	C5191 T=0.25	Ag-Plating
2	COVER	1	PA10T	-
1	HOUSING	1	PA10T	-
NO.	PART NAME	QTY	MATERIAL(THICK)	PLATING(COLOR)

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



DESIGN		VIEW:	MODEL TYPE: DC POWER JACK
CHECKED		UNIT: mm/in	PART NO.: DC-005R-8A-X
APPROVED		SIZE: A4	DWG NO.: