

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A		图面升级整理图面	2025.06.26	阿树

NOTES:

1.ELECTRICAL CHARACTERISTICS:

1.1 RATED VOLTAGE: 5 VDC

1.2 RATED CURRENT: 0.5A MAX PER CONTACT AT30° T-RISE

1.3 CONTACT RESISTANCE: 70 MILLIOHMS MAX.

1.4 INSULATION RESISTANCE: 100 MEGAOHMS MIN

1.5 DIELECTRIC WITHSTANDING VOLTAGE: 500V AC AT SEA LEVEL

2.MECHANICAL CHARACTERISTICS:

2.1 INSERTION FORCE: 20N MAX.(INITIAL)

20N MAX.(AFTER 5000 CYCLES DURABILITY TEST)

2.2 WITHDRWL FORCE: 12±5N (INITIAL)

9±5N(AFTER 5000 CYCLES DURABILITY

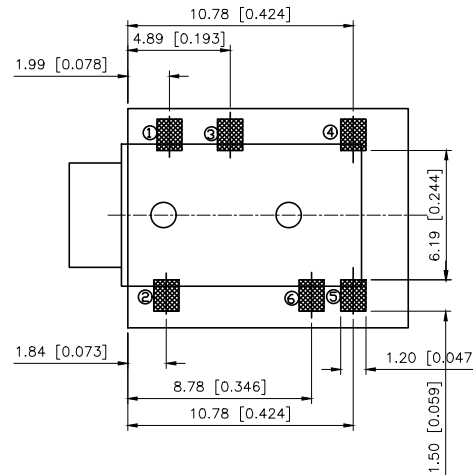
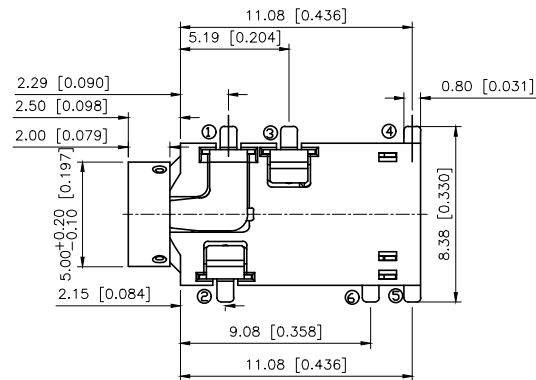
2.3 DURABILITY:5000 CYCLES TEST)

3.ENVIRONMENTAL CHARACTERISTICS:

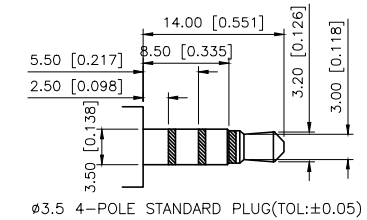
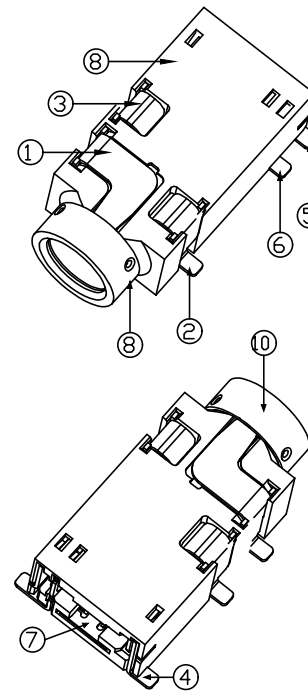
3.1 OPERATING TEMPERATURE: -30° TO +85°

3.2 STORAGE TEMPERATURE: -40° TO +85°

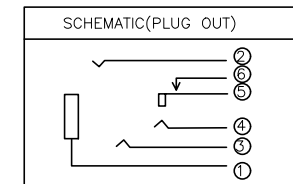
4.PACKAGE: TAPE REL



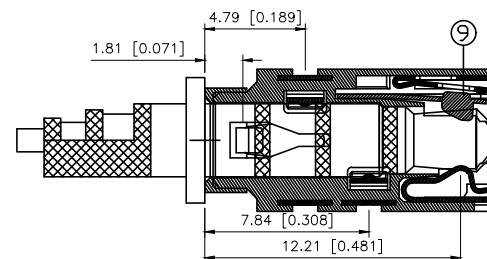
RECOMMENDED PCB LAYOUT



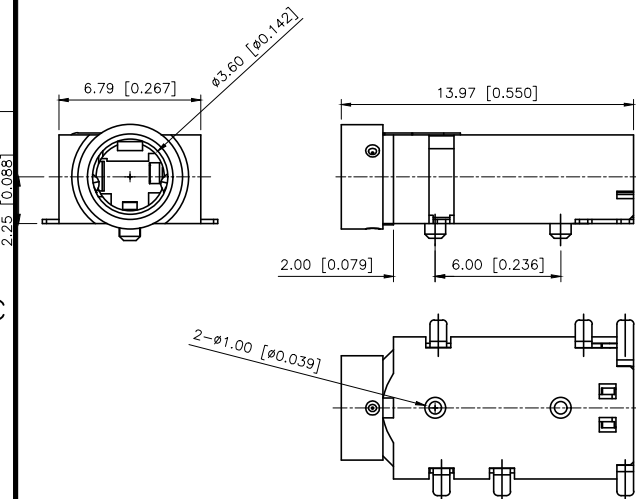
Ø3.5 4-POLE STANDARD PLUG(TOL:±0.05)



SCHEMATIC(PLUG OUT)



接触点示意图



10	Ring	1	BRASS	
9	Insert Molding	1	PA9T	Black
8	Housing	1	PA9T	Black
7	7# Contact foot	1	Stainless Steel Plate	
6	6# Contact foot	1	Copper Alloy	Au-Plated
5	5# Contact foot	1	Copper Alloy	Au-Plated
4	4# Contact foot	1	Copper Alloy	Au-Plated
3	3# Contact foot	1	Copper Alloy	Ni-Plated
2	2# Contact foot	1	Copper Alloy	Au-Plated
1	1# Contact foot	1	Copper Alloy	Au-Plated
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	阿树	VIEW:	MODEL TYPE: 3.5 PHONE JACK
CHECKED		UNIT: mm/in	PART NO.: PJ-3701-SMT
APPROVED		SIZE: A4	DWG NO.: