

PROPRIETARY INFORMATION
COMPANY CONFIDENTIAL

Autodesk

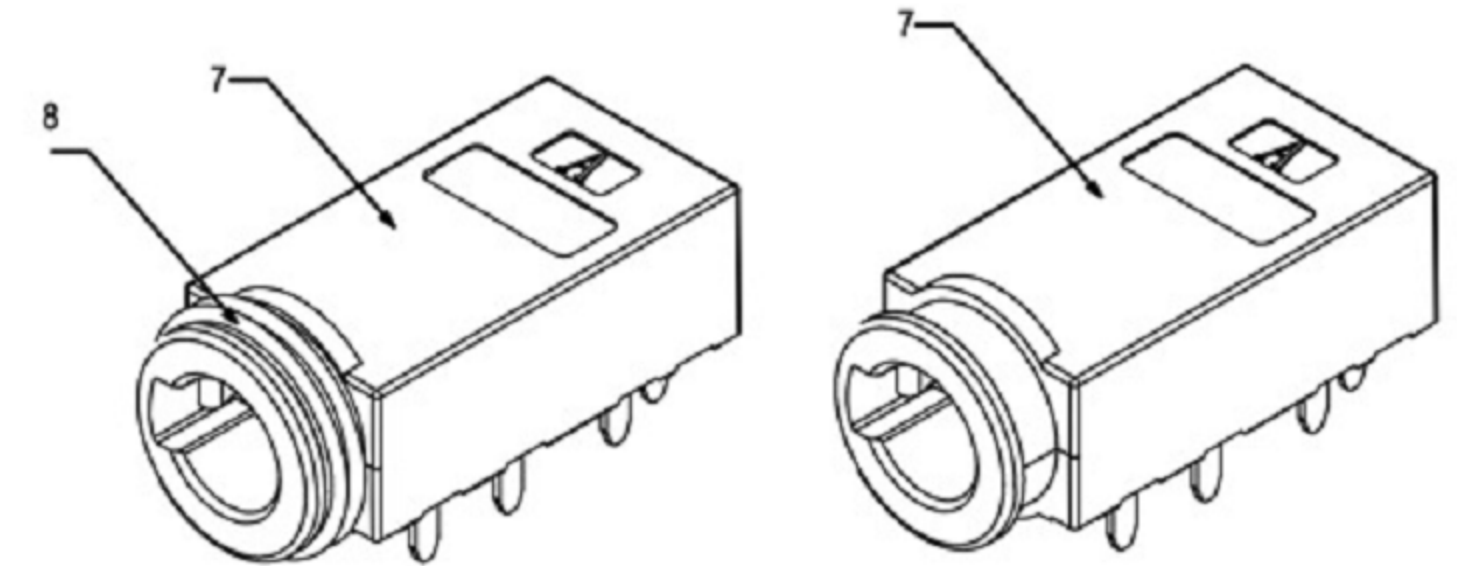
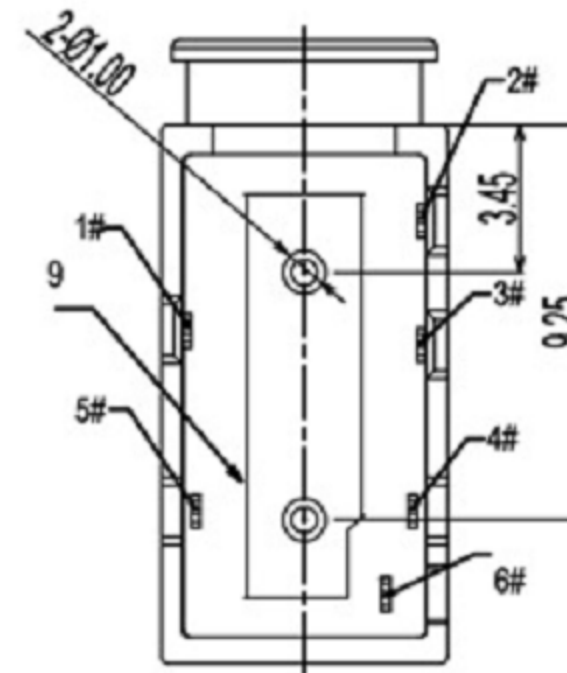
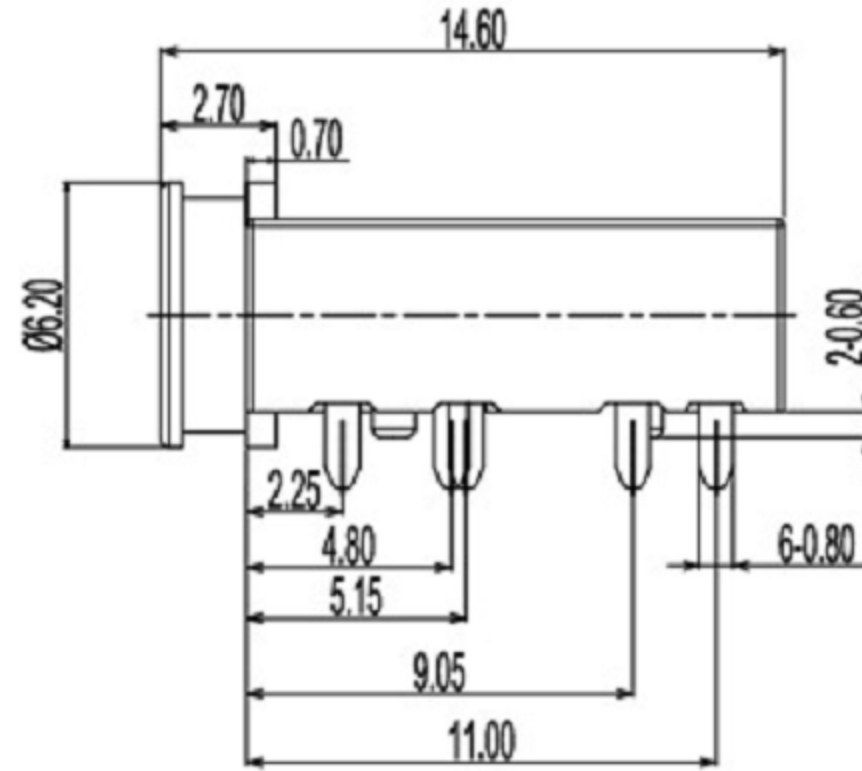
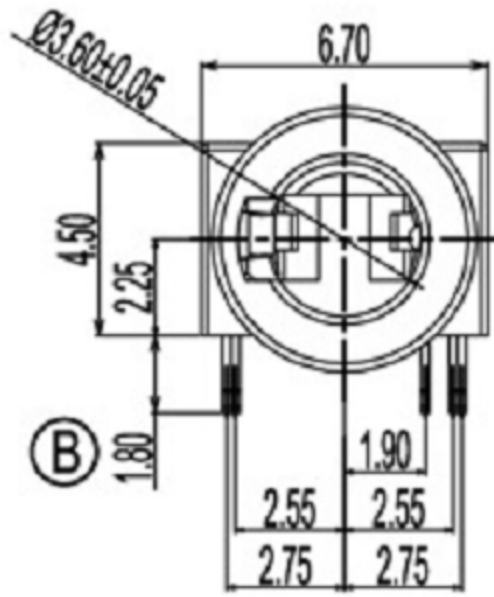


IP-X7
30min/1m

REV.	ECN. NO.	DESCRIPTION	ENG	DATE
A		INITIAL	Lucky	06/20/20'

SPECIFICATION:

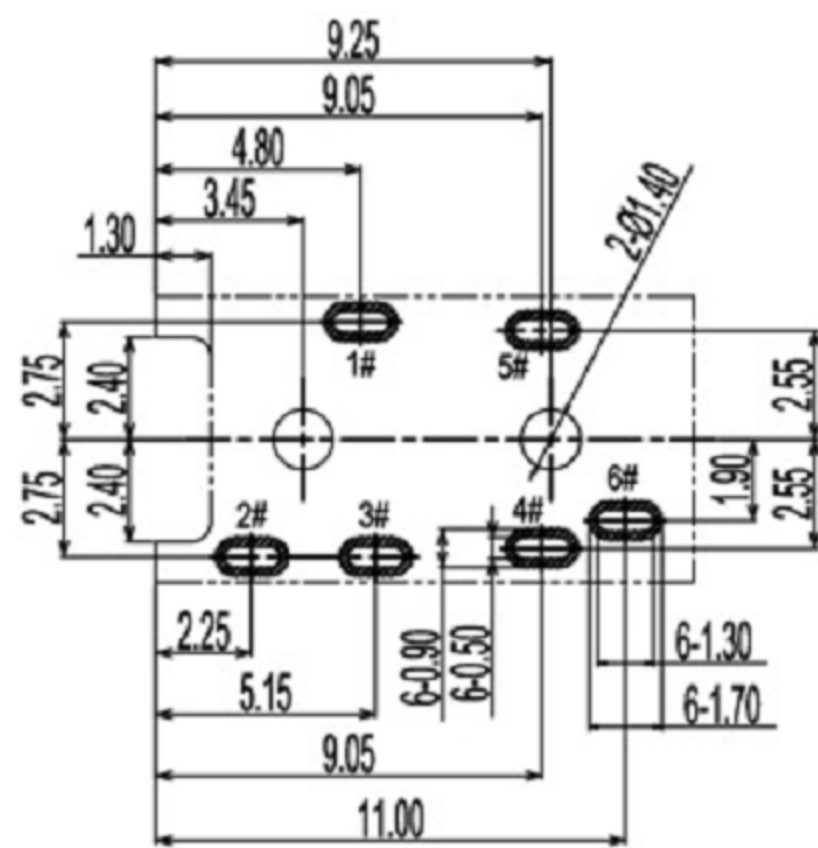
1. CURRENT RATING:DC 0.5A MAX.
2. VOLTAGE RATING:DC 12V.
3. CONTACT RESISTANCE:50m Ω MAX.
4. INSULATION RESISTANCE:100M Ω MIN. AT 500V DC.
5. WITHSTANDING VOLTAGE:500V AC FOR 1 MINUTE.
6. LIFE TEST:5000 CYCLES MIN,
7. MATING FORCE:3~30N,
UNMATING FORCE:3~30N.
8. TEPROOF LEVEL:IPX7



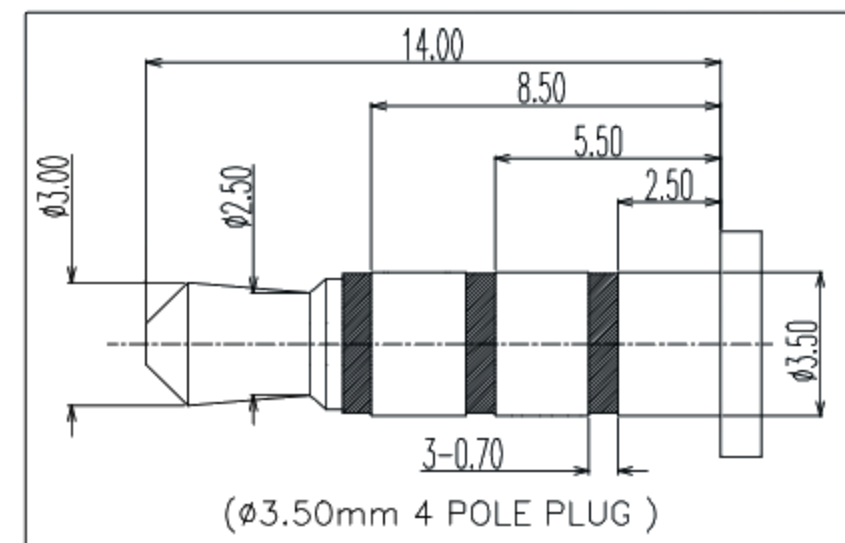
带防水圈

3D VIEW

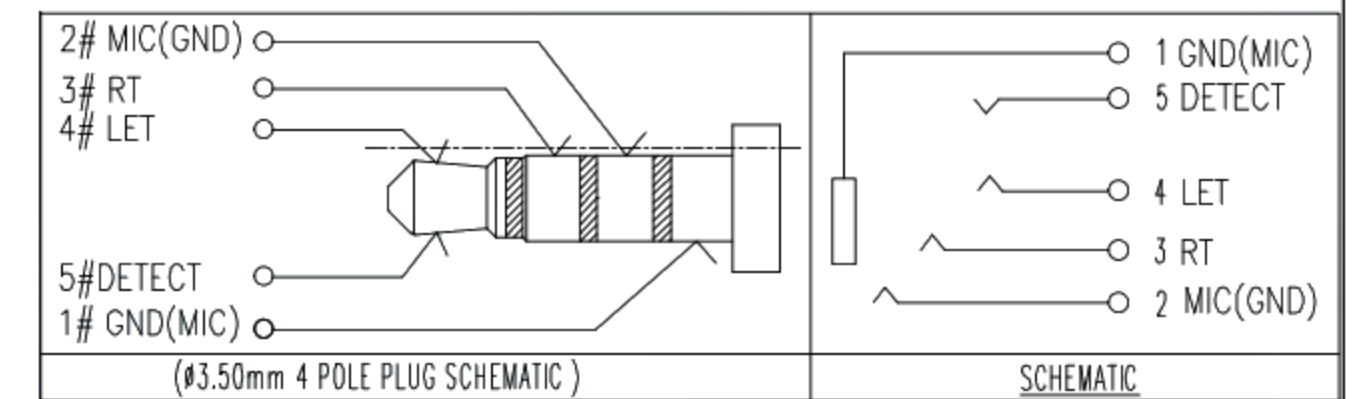
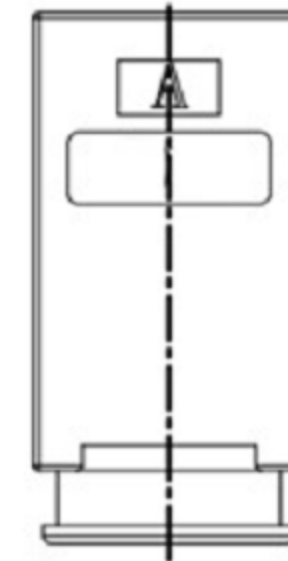
不带防水圈



P.C.B LAYOUT T=1.00mm
TOP VIEW



(ø3.50mm 4 POLE PLUG)



(ø3.50mm 4 POLE PLUG SCHEMATIC)

SCHEMATIC

9	SILICA GEL	1	SILICA GEL COLOR BLACK	
8	COVER	1	HIGH TEMPERATURE PLASTIC COLOR BLACK	
7	HOUSING	1	HIGH TEMPERATURE PLASTIC COLOR BLACK	
6	SHELL	1	PHOSPHOR BRONZE; NICKEL PLATED OVERALL	
5	TERMINAL 5#	1	PHOSPHOR BRONZE; GOLD FLASH ON CONTACT AREA; GOLD FLASH PLATING ON SOLDER	
4	TERMINAL 4#	1		
3	TERMINAL 3#	1		
2	TERMINAL 2#	1		
1	TERMINAL 1#	1	PHOSPHOR BRONZE; GOLD FLASH ON CONTACT AREA; GOLD FLASH PLATING ON SOLDER	
ITEM	NAME	Q'TY	DESCRIPTION	NOTE

MEASURE POINT: (QP)
QUADRANT POINT (TP)
TANGENCY POINT (IP)
INTERSECTION POINT

UNLESS OTHERWISE SPECIFIED, TOLERANCE:
X. ±0.25
X.X ±0.20
X.XX ±0.15
X.XXX ±0.10
ANGULAR ±3'

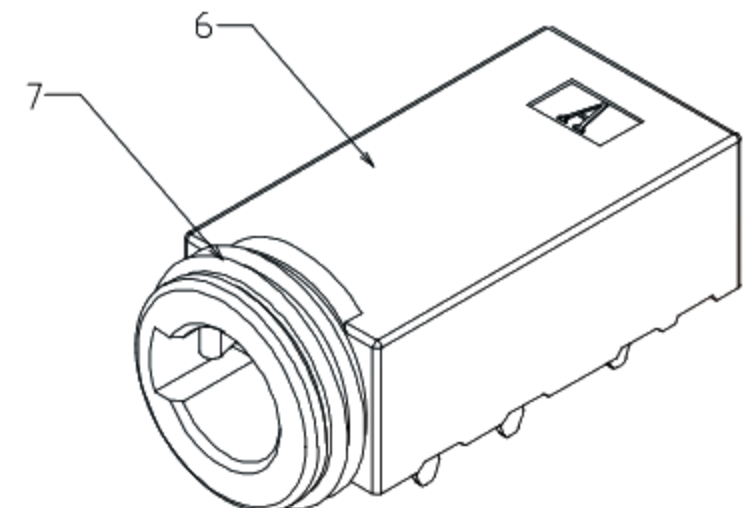
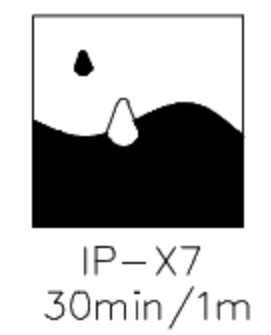
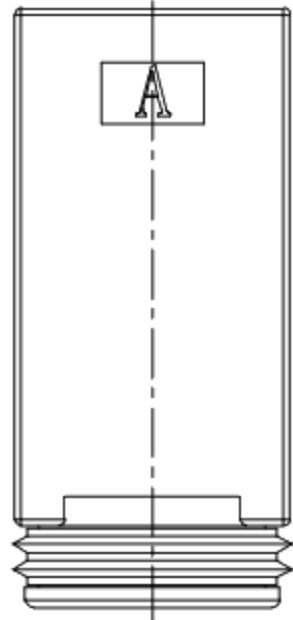
广东科斯达电子科技有限公司
KSDKG Guangdong Keside Electronic Technology Co., Ltd.

DESIGN: _____ DATE: _____ TITLE: ø3.5mm PHONE JACK
 CHECKED: _____ DATE: _____
 APPROVED: _____ DATE: _____
 PART NO. PJT-0089 REV.: A SCALE: 1:1 UNIT: mm
 DRAWING NO. _____ SIZE: A4 SHEET: 1/1

ZONE	SYMBOL	REVISION	APPROVAL	DATE
A		INITIAL	Lucky	06/20/20'

1

1

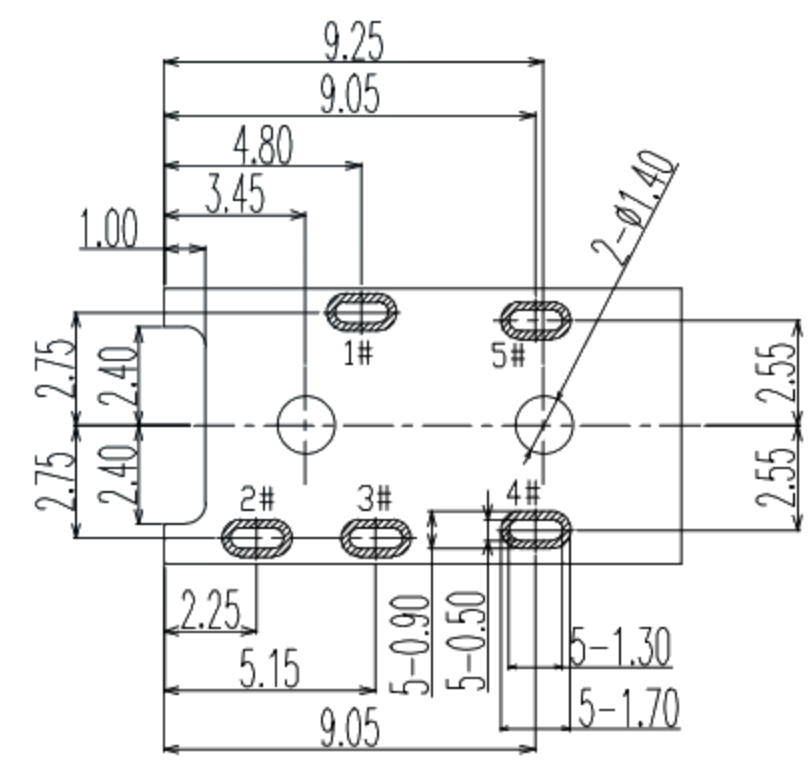
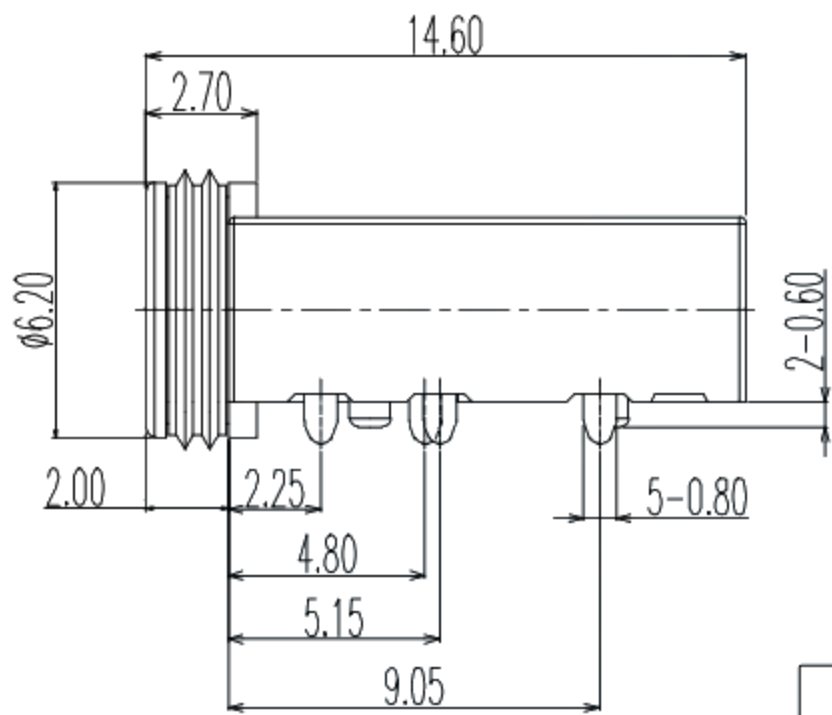
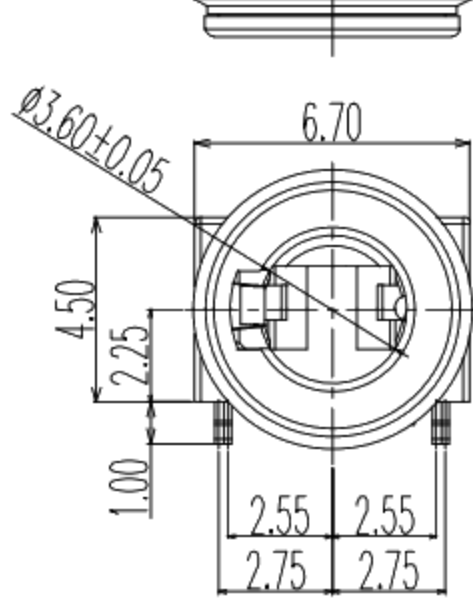


3D VIEW

- CONTACT CURRENT RATING: 1A.
- CONTACT RESISTANCE: 100 mΩ MAX.;
- INSULATION RESISTANCE: 100Ω MIN.;
- DIELECTRIC WITHSTANDING: 500V AC MIN.;
- DURABILITY: 5,000 CYCLES MIN.;
- CONNECTOR MATING FORCES: 30N MAX.;
- CONNECTOR UNMATING FORCES: 3N MIN.;
- TERPROOF LEVEL: IP67;

2

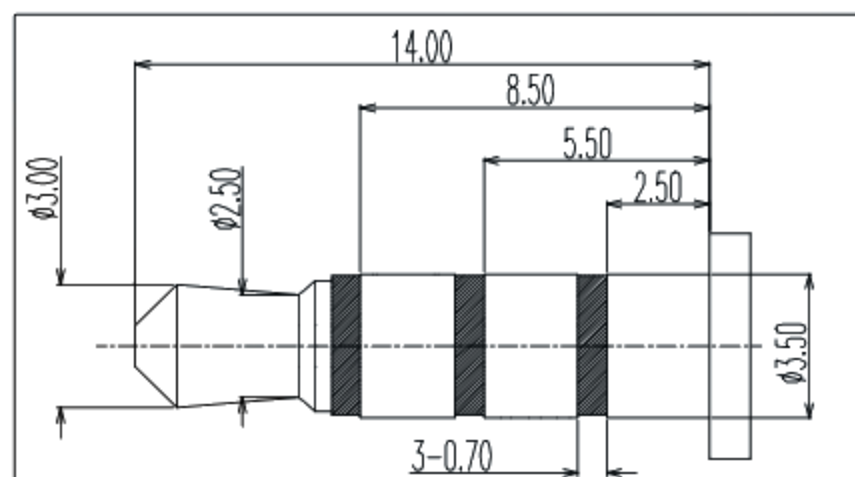
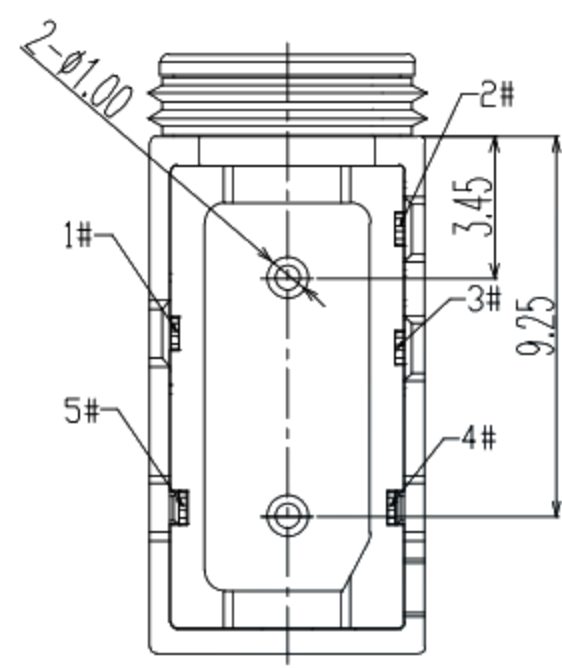
2



P.C.B LAYOUT T=1.00mm
TOP VIEW

3

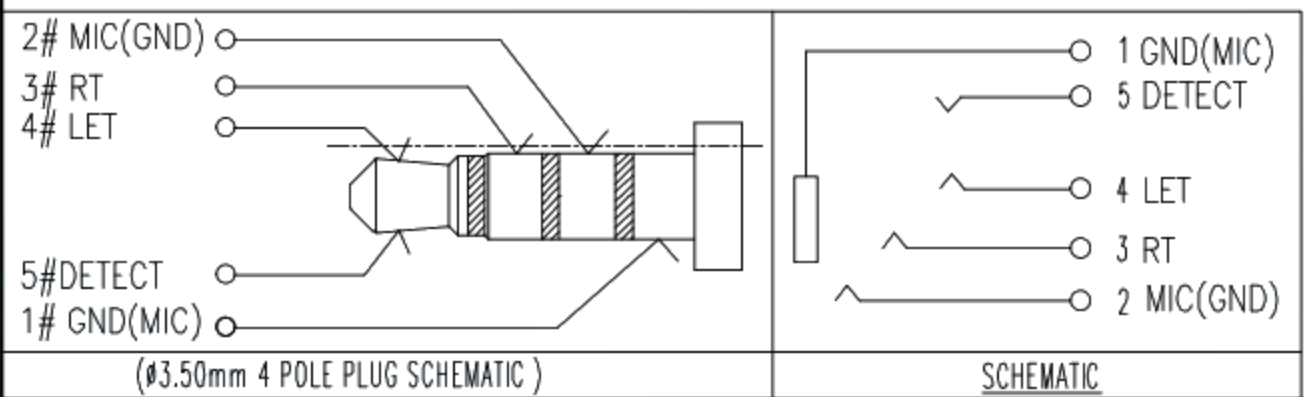
3



(Ø3.50mm 4 POLE PLUG)

4

4



⑦	Contact_5	5	1	Copper Alloy	NICKEL UNDER PLATING OVERALL, GOLD FLASH PLATING ON SOLDER AREA ;GOLD FLASH PLATING ON CONTACT AREA	T=0.20mm
⑥	Contact_4	4	1	Copper Alloy		T=0.20mm
⑤	Contact_3	3	1	Copper Alloy		T=0.20mm
④	Contact_2	2	1	Copper Alloy		T=0.20mm
③	Contact_1	1	1	STAINLESS STEEL		T=0.20mm
②	Separator		1	HIGH TEMP	BLACK,UL94V-0	
①	Housing		1	HIGH TEMP	BLACK,UL94V-0	
NO.	PART NAME		QTY	MATERIAL	DESCRIPTION	REMARK

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PART NAME	3.5MM STEREO JACK	TOLERANCE UNLESS OTHERWISE SPECIFIED:	0.0±0.2 0.00±0.1 0.000±0.05	UNIT: mm	
PART NO.					

DRAWING:	Lucky	DATE:	2020.20.06	SCALE:	5:1
CHECK:	liao Y K	DATE:	2020.20.06	MATERIAL:	*
APPROVAL:	Abel	DATE:	2020.20.06	DWG. no.:	A
DRAWING NO.				SHEET:	1/1