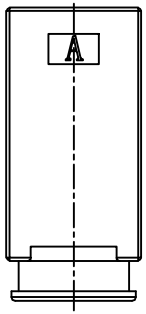
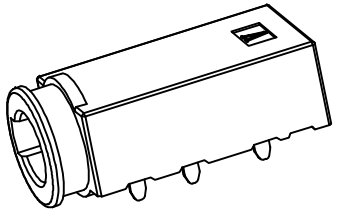
RoHS Compliant

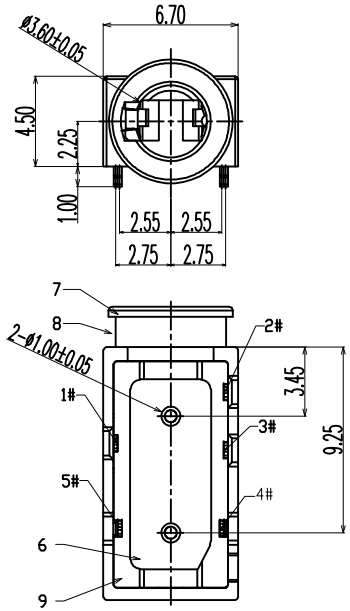
ZONE	ECN.NO.	DESCRIPTION	DRAWING	DATE
A		INITIAL	林生財	2020.02.18

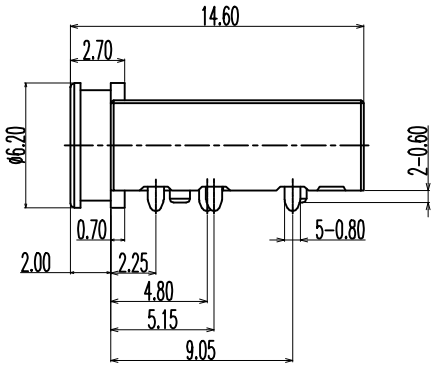


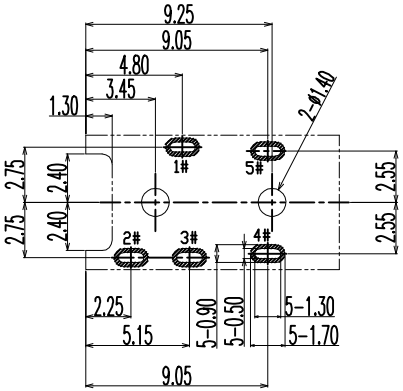


3D VIEW

NOTES
1. CURRENT RATING: 1A.
2. CONTACT RESISTANCE: 100mΩ MAX.
3. INSULATION RESISTANCE: 100MΩ MIN.
4. DIELECTRIC WITHSTANDING: 500V AC MIN.
5. DURABILITY: 5000 CYCLES MIN.
6. CONNECTOR MATING FORCES: 3~30N.
7. CONNECTOR UNMATING FORCES: 3~30NX.
8. SALT SPRAY: 24HOUR
9. WATERPROOF LEVEL: IP67.
10. OPERATING TEMPERATURE: −25°C TO +85°C.



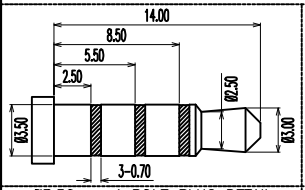




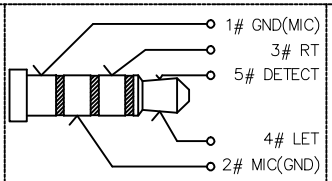
PCB LAYOUT (TOP VIEW)
TOLERANCE: ±0.05

Not to install the waterproof ring shipment

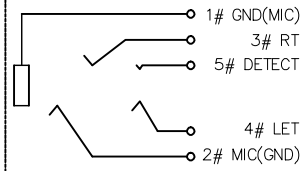
NO.	DESCRIPTION	MATERIAL	REMARKS	QTY
9	GLUE	EPOXY	COLOR BLACK	1
8	WATERPROOF RING	SILICONE	COLOR BLACK	1
7	HOUSING	HIGH TEMPERATURE	COLOR BLACK	1
6	COVER	HIGH TEMPERATURE	COLOR BLACK	1
5	TERMINAL 5#	STAINLESS STEEL	NICKEL UNDERPLATING OVERALL, GOLD FLASH PLATING ON THE SOLDER & CONTACT AREA	1
4	TERMINAL 4#	STAINLESS STEEL	NICKEL UNDERPLATING OVERALL, GOLD FLASH PLATING ON THE SOLDER & CONTACT AREA	1
3	TERMINAL 3#	PHOSPHOR BRONZE	NICKEL UNDERPLATING OVERALL, GOLD FLASH PLATING ON THE SOLDER & CONTACT AREA	1
2	TERMINAL 2#	PHOSPHOR BRONZE	NICKEL UNDERPLATING OVERALL, GOLD FLASH PLATING ON THE SOLDER & CONTACT AREA	1
1	TERMINAL 1#	STAINLESS STEEL	NICKEL UNDERPLATING OVERALL, GOLD FLASH PLATING ON THE SOLDER & CONTACT AREA	1



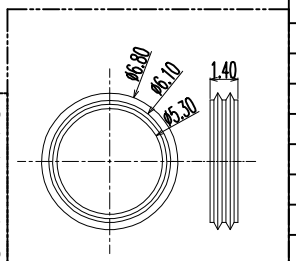
Ø3.50mm 4 POLE PLUG DETAIL



Ø3.50mm 4 POLE PLUG SCHEMATIC



SCHEMATIC



BLACK WATERPROOF RING

LZG INDUSTRIAL CO. LTD

DRAWING:	林生財	DATE:	2020.02.18	SCALE	1:1
CHECK:	李宏鑫	DATE:	2020.02.18	MATERIAL	*
APPROVAL:	楊进宝	DATE:	2020.02.18	DWG. NO.	
DRAWING NO.	ZB23004-05DBAP-A			SHEET	1/1

PART NAME	WATERPROOF Ø3.5 PHONE JACK	TOLERANCE UNLESS OTHERWISE SPECIFIED:	0.0±0.25 0.00±0.15 0.000±0.10	0.°±2° 0.0°±1° 0.00°±0.5°	UNIT: mm
PART NO.	ZB23004-05DBAP-A				