

MESSRS.

**SPECIFICATION
FOR
APPROVAL**

I T E M : ELECTROMAGNETIC BUZZER

M O D E L : ALP1205S

WE HERE APPLY FOR AUTHORIZATION TO SUPPLY THE ABOVE MENTIONED ON THE BASIS OF THE FOLLOWING SPECIFICATION

1.SCOPE

THIS SPECIFICATION IS APPLIED TO THE ABOVE MENTIONED ELECTRO MAGNETIC BUZZER.

2.MECHANICAL CHARACTERISTICS

2-1 EXTERNAL DIMENSION

EXTERNAL DIMENSION, INDICATION ARE AS SHOWN IN DRAWING SHEETS

2-2 APPEARANCE

FINISHING SHALL NOT BE ACCOMPANIED BY REMARKABLE RUST, DISTORTION, CREAK, ETC.

2-3 TENSILE STRENGTH OF TERMINAL PIN

EACH TERMINAL PINS SHALL BE NO ABNORMALITY WHEN THE EQUIPMENT IS PROPERLY FIXED AND 1kg OF LOAD IS GIVEN FOR 30+/-5 SEC. IN AXIS DIRECTION OF TERMINAL.

3.ELECTRICAL CHARACTERISTICS (AT 25 °C)

- 3-1 OPERATING VOLTAGE : 3- 7V
- 3-2 RATED VOLTAGE : 5V
- 3-3 RESONANT FREQUENCY : 2300+/-150Hz
- 3-4 RATED CURRENT : 15mA MAX
- 3-5 SOUND PRESSURE LEVEL : 90dB MIN
- 3-6 RESPONSE TIME : 50ms MAX
- 3-7 OPERATING TEMPERATURE : -25°C ~ +70°C
- 3-8 STORAGE TEMPERATURE : -30°C ~ +80°C

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4. RELIABILITY TEST

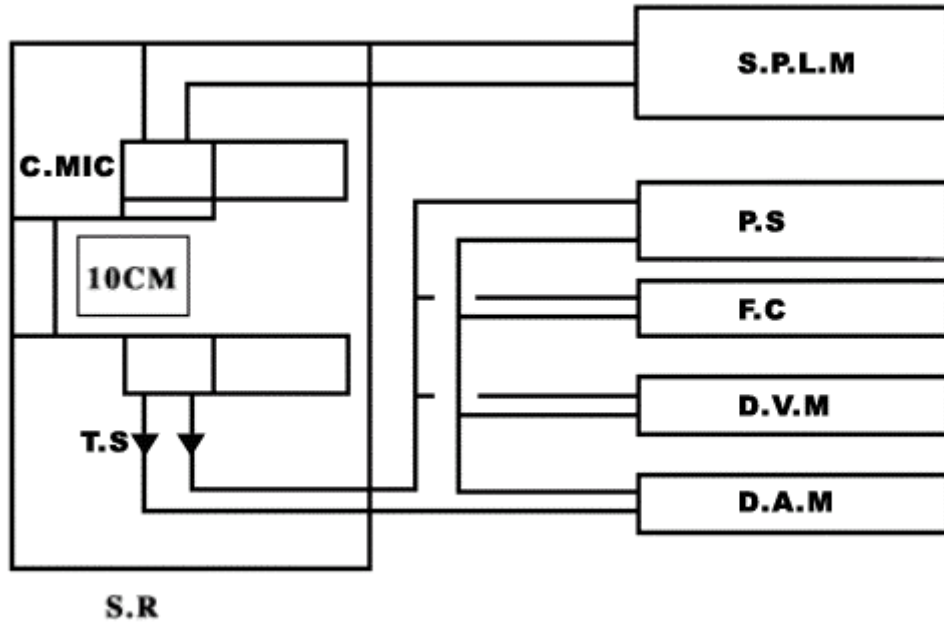
NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
4-1	HUMIDITY	55+/-5°C, 95+/-3%RH 96HRS	SOUND PRESSURE LEVEL INITIAL VALUE +/-10%
4-2	HIGH TEMP.	+ 80+/-2°C, 96HRS	
4-3	LOW TEMP.	-30+/-2°C, 96HRS	
4-4	TEMPERATURE CYCLING	-30+/-2°C, 30MINUTES ROOM TEMP. 10MINUTES + 80+/-2°C 30MINUTES ROOM TEMP. 10 MINUTES 5 CYCLES	
4-5	DROP TEST	3 TIMES FROM HEIGHT OF 50CM ON CONCRETE FLOOR	

NOTE:

1. TEST ITEM 4-4 AND 4-5 SHALL BE CONDUCTED WITH CIRCUIT STATE
2. TEST SPECIMENS SHALL BE KEPT FOR 4 HRS, 25°C BEFORE MEASUREMENT.

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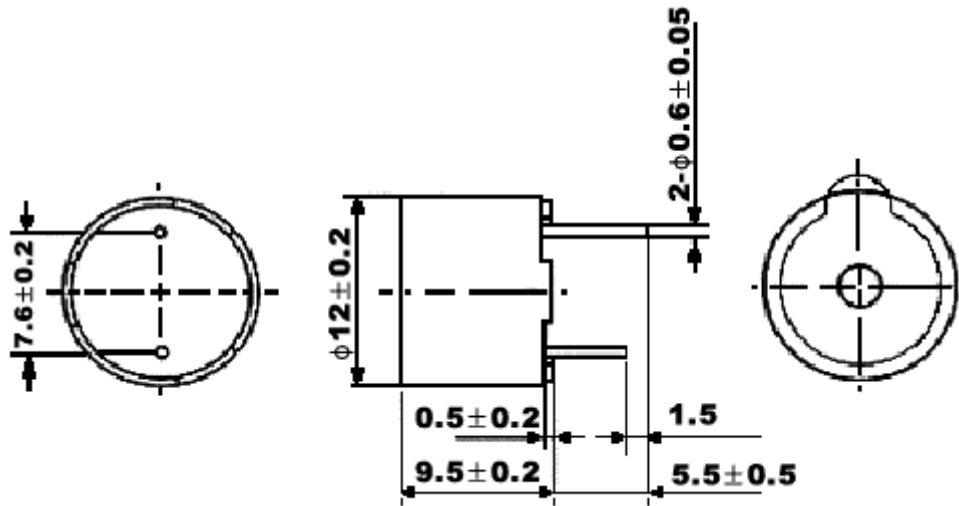
5.ELECTRICAL CHARACTERISTICS TEST METHOD



- S.P.L.M : SOUND PRESSUR LEVEL METER
- S.R. : SOUNDPROOF ROOM
- C.MIC. : CONDENSER MIC.
- T.S. : TEST SAMPLE
- F.C : FREQUENCY COUNTER
- D.A.M : DC VOLTAGE METER
- P.S : POWER SUPPLY
- D.V.M : DC VOLT METER

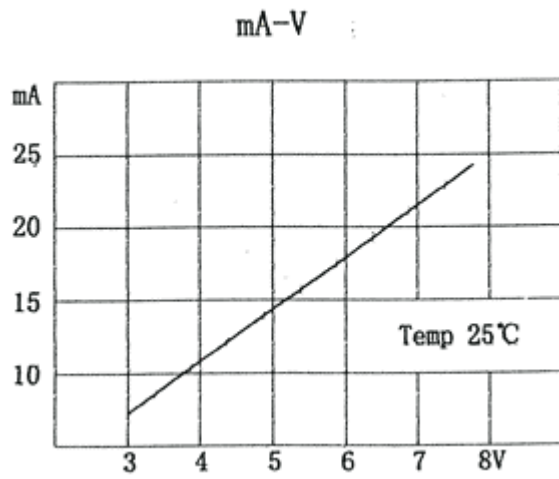
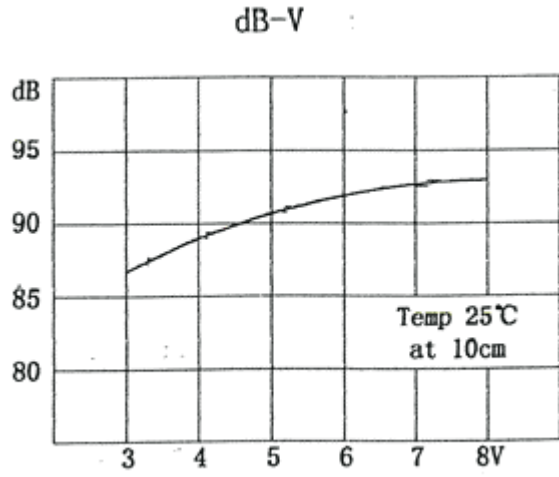
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6.DIMENSIONS (UNIT:mm)



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7. TYPICAL CHARACTER CURVES



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