1.Scope

This specification is applied to Magnetic Buzzer(Self-Drive Type)

The product describe below are used for buzzer in various alarm systems.

2.Basic Condition

2.1 Rated Voltage:6VDC

2.2 Operating Voltage:4~8VDC

2.3 Operating Temperature Range:-20ºC ~+70ºC

2.4 Storage Temperature Range:-30ºC~+80ºC

3.Electrical Characteristics

3.1 Sound Press Level:≧85dB at 30cm / 6VDC

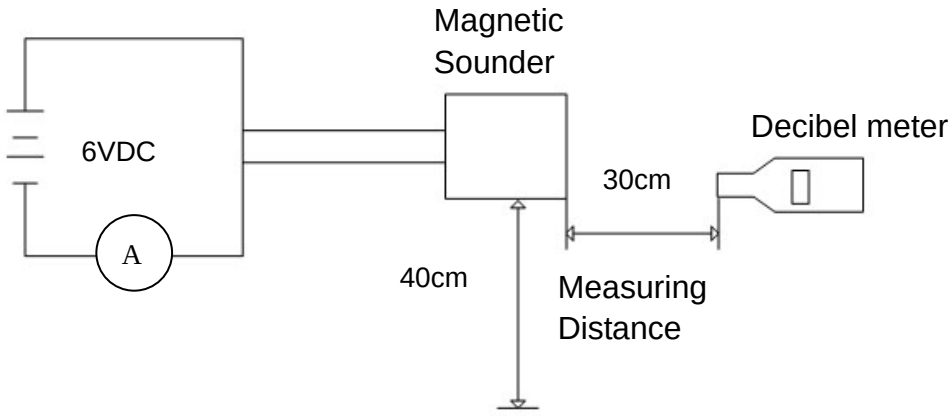
3.2 Consumption Current:≦30mA at 6VDC

3.3 Resonate Frequency:400Hz±100Hz

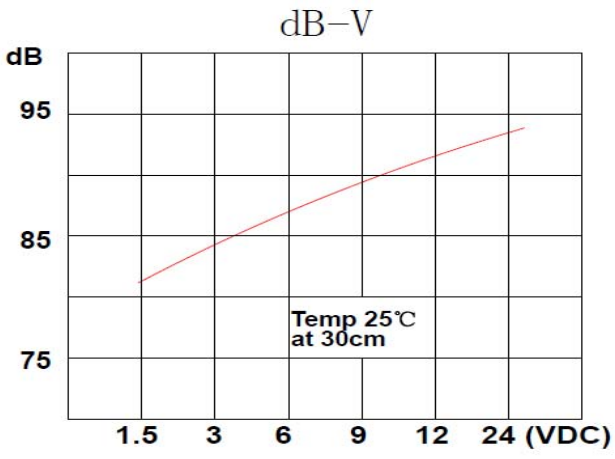
3.4 Tone Nature:Continuous Sound

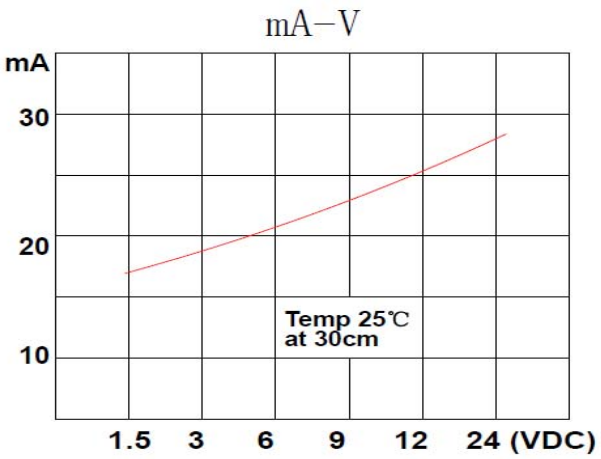
3.5 Material:ABS

4.Measuring Method



5.Sound Press Level & Consumption Current Curve





TEST REPORT

Product No:61-211-0 **Date:**

#	dB	mA	Hz	#	dB	mA	Hz

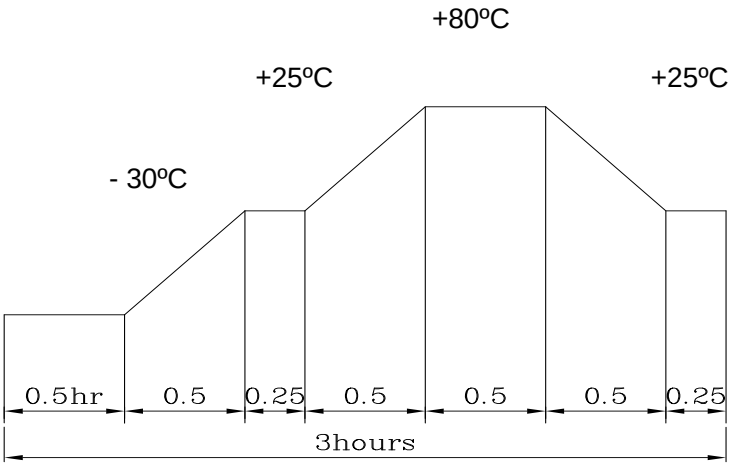
Remark:

(1)Sound Press Level：≧85dB at 30cm / 6VDC

(2)Co nsumption Current：≦30mA at 6VDC

(3)Resonate Frequency：400±100Hz

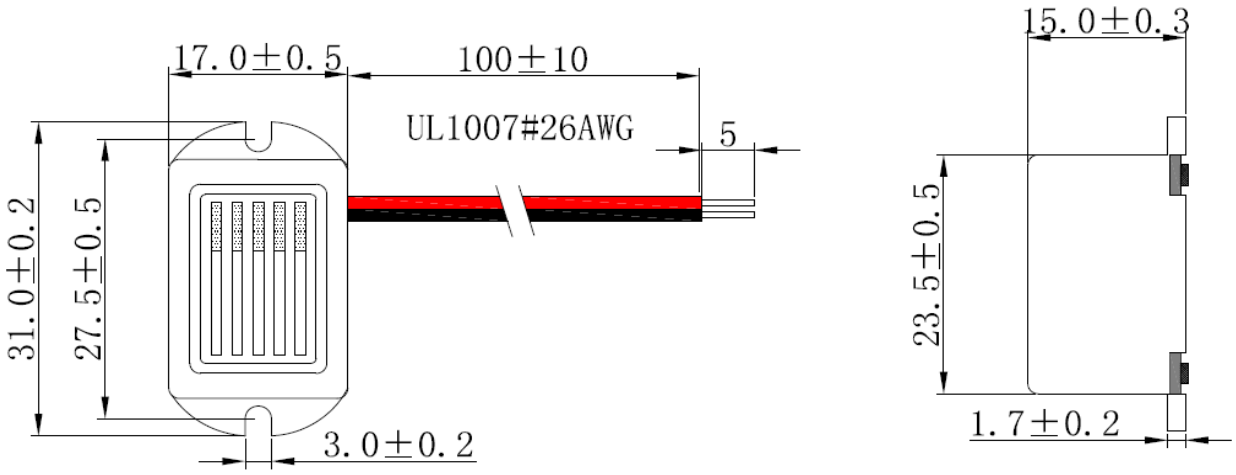
6.Environment Test Method

NO.	ITEM	TEST CONDITION AND REQUIREMENT
1	High Temperature Test (Storage)	After being placed in a chamber with 80±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
2	Low Temperature Test (Storage)	After being Placed in a chamber with -30±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
3	Humidity Test	After being Placed in a chamber with 90-95% R.H. at 40±2ºC for 96 hours and then being placed in normal condition for 2 hours. Allowable variation of SPL after test: ±10dB.
4	Temperature Cycle Test	The part shall be subjected to 5 cycles. One cycle shall be consist of:  Allowable variation of SPL after test: ±10dB.
5	Drop Test	Drop on a hard wood board of 4cm thick, any directions ,6 times, at the height of 100cm. Allowable variation of SPL after test: ±10dB.
6	Vibration Test	After being applied vibration of amplitude of 1.5mmwith 10 to 55 Hz band of vibration frequency to each of 3 perpendicular directions for 2 hours . Allowable variation of SPL after test: ±10dB.
7	Solder ability Test	Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of +300±5ºC for 3±1 seconds.90% min. lead terminals shall be wet with solder (Except the edge of terminals).
8	Terminal / Wire Strength Pulling Test	The force of 9.8N(1.0kg) is applied to each terminal in axial direction for 10 seconds. No visible damage and cutting off.

7.Reliability Test

Continuous life test:
250 Hours continuous operating at +70 ºC with maximum rated voltage applied .
Intermittent life test:
Aduty cycle of 1 minute on, 5 minutes off,a minimum of 10000 times at temperature +25 ºC±2

8.Dimension



Tolerance ±0.5mm

9.Packing List