

# SPECIFICATION

## FOR APPROVAL

Customer : \_\_\_\_\_

Product Name : Magnetic Buzzer(Self-drive) \_\_\_\_\_

Model Name : VSX1295V3F23L70 \_\_\_\_\_

Drawing No. : VS20241015007 \_\_\_\_\_

### Signature of Voise

Approved by	Checkde by	Issued by	Date

**Voise** 福爱斯电子有限公司  
ELECTRONIC VOISE ELECTRONICS CO.,LTD.

Address:No 96 Mogao Dongqian Lake Industrial Area ningbo,China,  
Tel:0086-0574-87773030;Fax:0086-0574-87471600 P.C.315121  
<http://www.nbvoise.com> Email:sales@nbvoise.com

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		Revision No.	1.0	
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**1. Revision**

Rev.No.	Date	Page	Description of Revision
1.0	2020/7/6		Preliminary

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## 2. Scope

This product specification is applied to the Magnetic Buzzer in alarm systems. Please contact us when using this product for any other applications than described in the above.

## 3. General Characteristics

- 3.1 Out-Diameter : 12 mm
- 3.2 Height : 9.5 mm
- 3.3 Weight : 4 g
- 3.4 Operating Temperature : -30~+70°C without loss of function
- 3.5 Store Temperature : -40~+80°C without loss of function

## 4. Electrical and Acoustic Characteristics.

Test condition : 15 ~ 35 °C Temp., 25% ~ 75% RH, 86~106 kPa Refer to IEC60268-1

No	Items	Specification
1	Rated Voltage	3V DC
2	Working Voltage	2-5V DC
3	Max Rated Current	35mA/3VDC
4	Min Sound Pressure Level	85dB/3VDC/10cm
5	Resonant Frequency	2.3±0.5KHz
6	Tone Nature	Continuous
7	Housing Material	PBT
8	Color	Black

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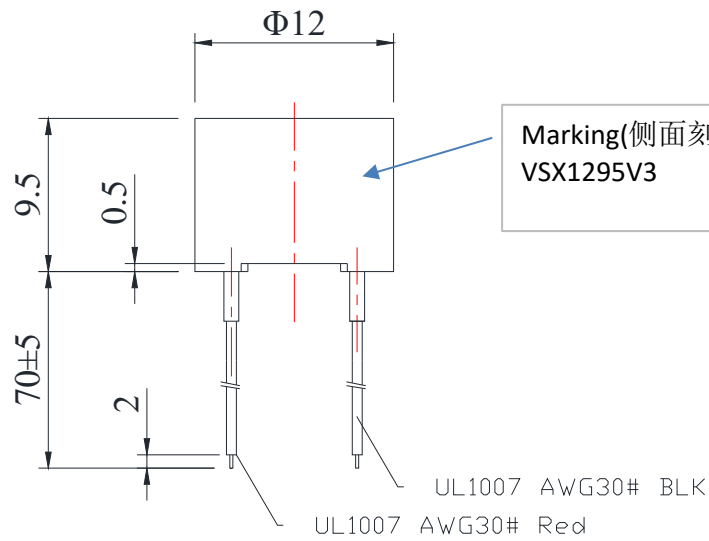
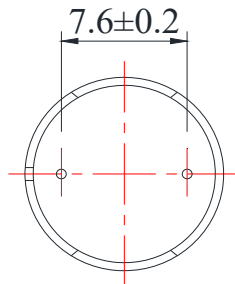
## 5. Reliability Test

After test(1~7item), the buzzer S.P.L . difference shall be within  $\pm 8\text{dB}$ , and the appearance not exist any change to be harmful to normal operation

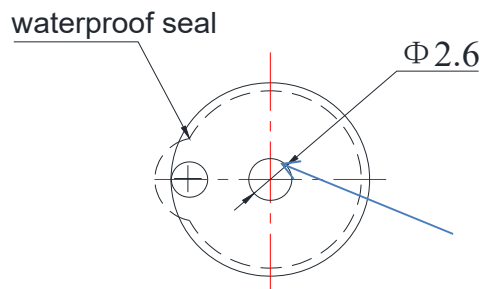
No	Items	Specification
1	High Temp.Test	After being woked in a chamber with $+70\pm 2\text{ }^\circ\text{C}$ for 2h and then being placed in natural condition for 2h, and then check.
2	Low Temp.Test	First being worked in a chamber with $-20\pm 2\text{ }^\circ\text{C}$ for 2h and then being placed in natural condtion for 2h, and then check.
3	Humidity Test	After being placed in a chamber with 90 to 95%R.H. at $+40\pm 2\text{ }^\circ\text{C}$ for 2 h and then being placed in natural condition for 2h ,and then check.
4	Thermal Shock Test	After being worked in a chamber at $+70\pm 2\text{ }^\circ\text{C}$ for 1 hour, then sounder shall be placed in a chamber at $-20\pm 2\text{ }^\circ\text{C}$ for 1 hour(1 cycle is the below diagram). The test duration is for 10 cycle.after being placed in natural condition for 1 hour.and then check.
5	Vibration Test	Being applied vibration of amplitude of 1.5mm with 10-30Hz band of vibration frequency,X.Y.Z.3 direction.2 hours each, total 6 hours.
6	Drop Test	Free drop fram 1.0 meter height to a board 20mm thick hard wood board. and be nothing mechanical damage. tatol 6 times.
7	Solderability	Lead terminals are immersed in rosin for 5 seconds and then immersed in solder bath of $+260\pm 5\text{ }^\circ\text{C}$ for $3\pm 0.5$ seconds.
8	Terminal Strength Pulling	The force 10 seconds of 9.8N is applied go each terminal in axial direction.

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## 6. Dimensions

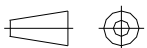


Marking(侧面刻字):  
VSX1295V3



Masking Label: Red  
Washable Label

FIRST ANGLE PROJECTION

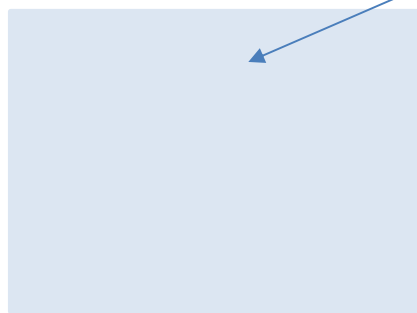


UNIT : mm

Tolerance : ±0.2

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## 7. Packing



Marking Label:  
VSX1295V12F23L70

