Tel:0086-0574-87773030
Fax:0086-0574-87471600

SPECIFICATION

FOR APPRONAL

Customer :

Product Name : Magnetic Buzzer

Model Name : VSX0955V5F27

Drawing No. : VS20190504011

Signature of Voise

Approved by	Checkde by	Issued by	Date

福爱斯电子有限公司
VOISE ELECTRONICS CO.,LTD.
Address:No 96 Mogao Dongqian Lake Industial Area ningbo,China,
Tel:0086-0574-87773030;Fax:0086-0574-87471600 P.C.315121
http://www.nbvoise.com Email:sales@nbvoise.com

Tel:0086-0574-87773030
Fax:0086-0574-87471600

Specification for Magnetic Buzzer		Page	2/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

Table of contents

1. Revision

Rev.No.	Date	Page	Description of Revision
1.0	2019/5/4		Preliminary

Tel:0086-0574-87773030
Fax:0086-0574-87471600

Specification for Magnetic Buzzer		Page	3/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

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 : 9 mm

3.2 Height : 5.5 mm

3.3 Weight : 0.7 g

3.4 Operating Temperature : -40~+85℃ without loss of function

3.5 Store Temperature : -40~+90℃ without loss of function

4. Electrical and Acoustic Characteristics.

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

No	Items	Specification
1	Rated Voltage	5V DC
2	Working Voltage	4-8V DC
3	Rated Current	30mA/5VDC
4	Sound Preesure Level	87dB/5VDC/10cm
5	Resonant Frequency	2.7±0.3KHz
6	Tone Nature	Continuous
7	Housing Material	PBT
8	Color	Black

Tel:0086-0574-87773030
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Specification for Magnetic Buzzer		Page	4/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

5. Reliability Test

After test(1~7item), the buzzer S.P.L . difference shall be within ±8dB, 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 +85±2 ℃ 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 -40±2 ℃ 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±2 ℃ 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 +85±2 ℃ for 1 hour, then sounder shall be placed in a chamber at -40±2 ℃ 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±5℃for 3±0.5 seconds.
8	Terminal Strength Pulling	The force 10 seconds of 9.8N is applied go each terminal in axial direction.

Tel:0086-0574-87773030
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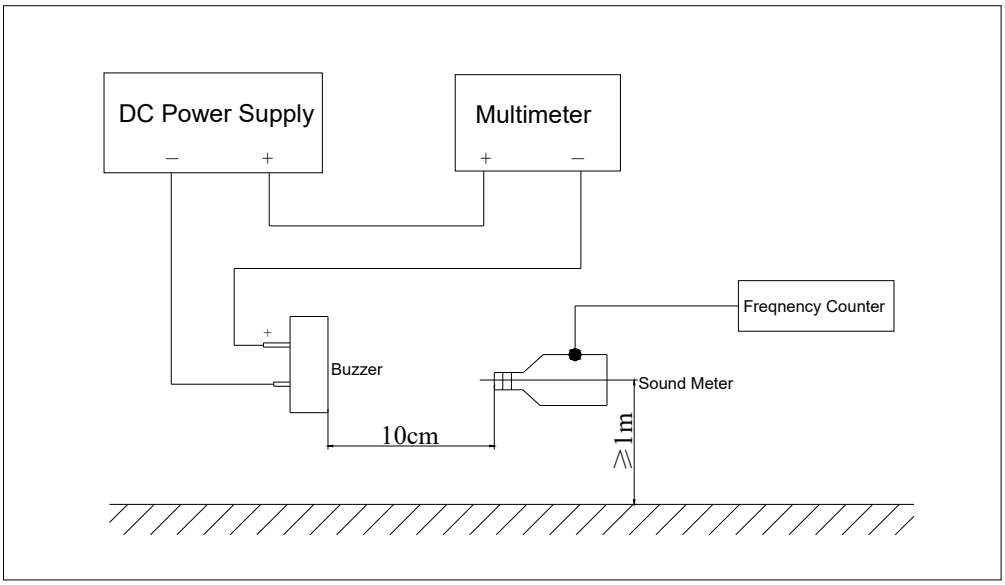
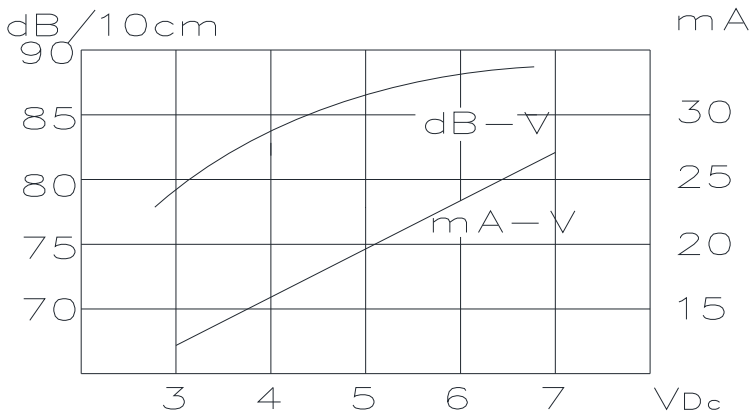
Specification for Magnetic Buzzer		Page	5/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

6. Measurement Method & Frequency Response curve

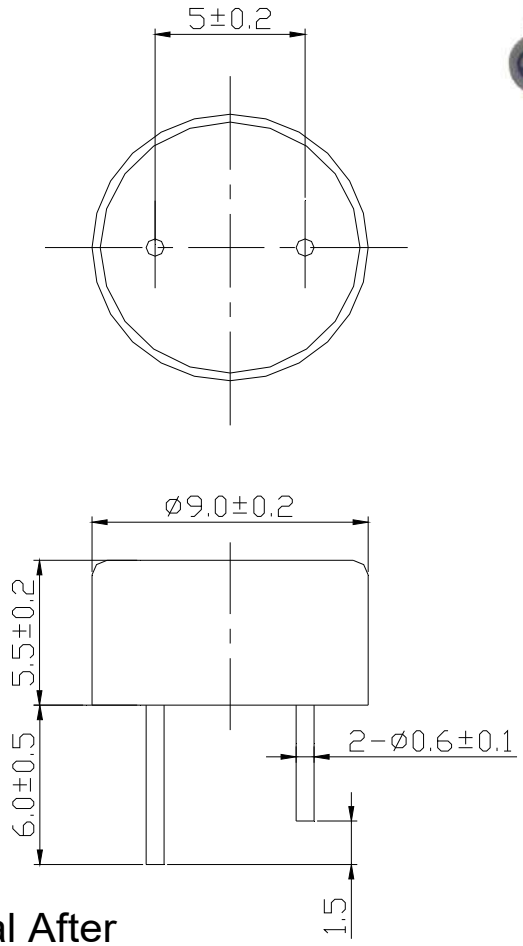




Tel:0086-0574-87773030
Fax:0086-0574-87471600

Specification for Magnetic Buzzer		Page	6/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

7. Dimensions



FIRST ANGLE PROJECTION

UNIT : mm
Tolerance : ±0.2

Tel:0086-0574-87773030
Fax:0086-0574-87471600

Specification for Magnetic Buzzer		Page	7/7
		Revision No.	1.0
Model No.:	VSX0955V5F27	Drawing No.	VS20190504011

8. Packing

Each minimum package unit of products shall be in a carton box and it shall be clearly marked with Part Number ,quantity and outgoing inspection number.

There shall be no mechanical damage on products during in storage.