

SPECIFICATION

FOR APPRONAL

Customer : _____

Product Name : Sensor _____

Model Name : VS-P1040H7TW _____

Drawing No. : VS20190224012 _____

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.

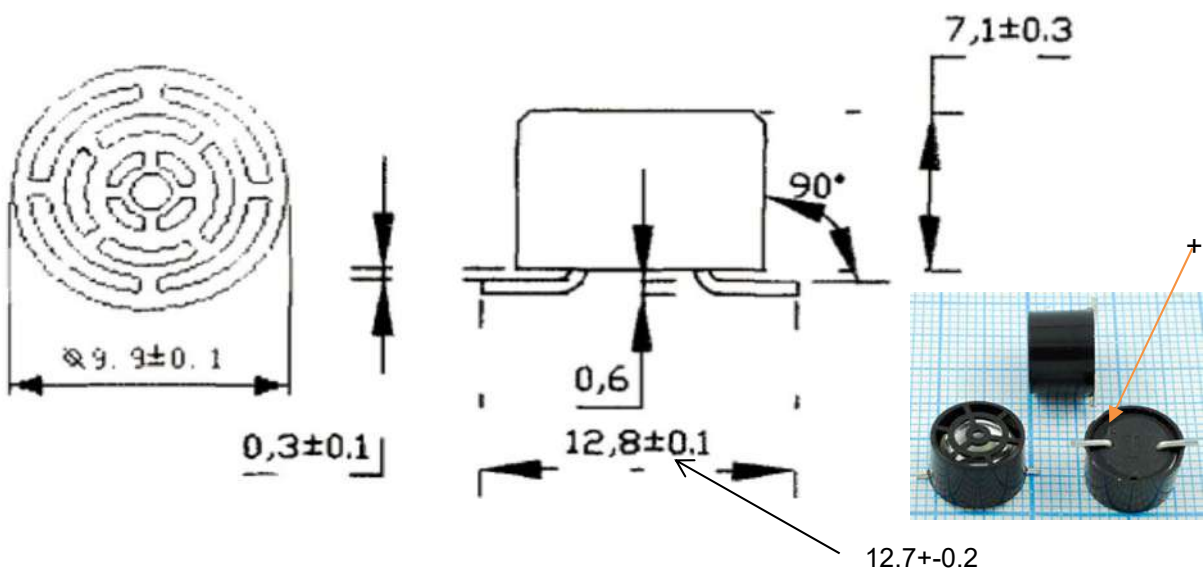
Address:No 96 Mogao Dongqian Lake Industial Area ningbo,China,
Tel:0086-0574-87773030;Fax:0086-0574-87471600 P.C.315121
<http://www.nbvoise.com> Email:sales@nbvoise.com

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ELECTRICAL SPECIFICATION

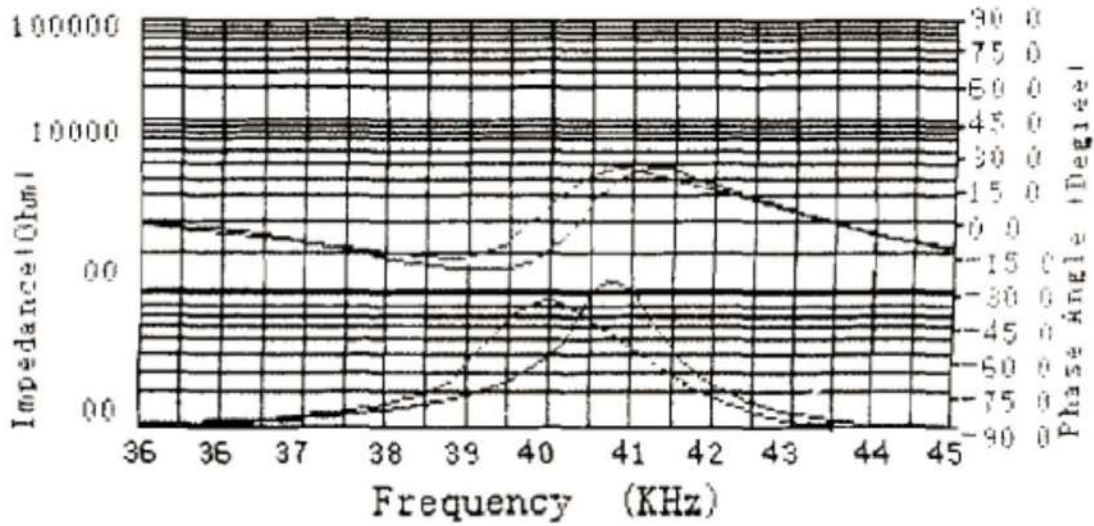
No	Items	Specification
1	Construction	Open
2	Using Method	Transmitter
3	Center frequency(KHz)	40±5KHZ
4	Directivity	90°
5	Transmitting Sound Pressure Level	≥115dB (10V/30cm/sine wave)
6	Sensitivity	
7	Capacitance(pF)	2550±5% @1kHz
8	Allowable Maximum Input Voltage(Vp-p)	50
9	Detectable range	18 m
10	Operating Temperature	-30~ +80(°C)
11	Storage Temperature	-40~ +85(°C)
12	Material	Plastic

APPEARANCE AND DIMENSIONS

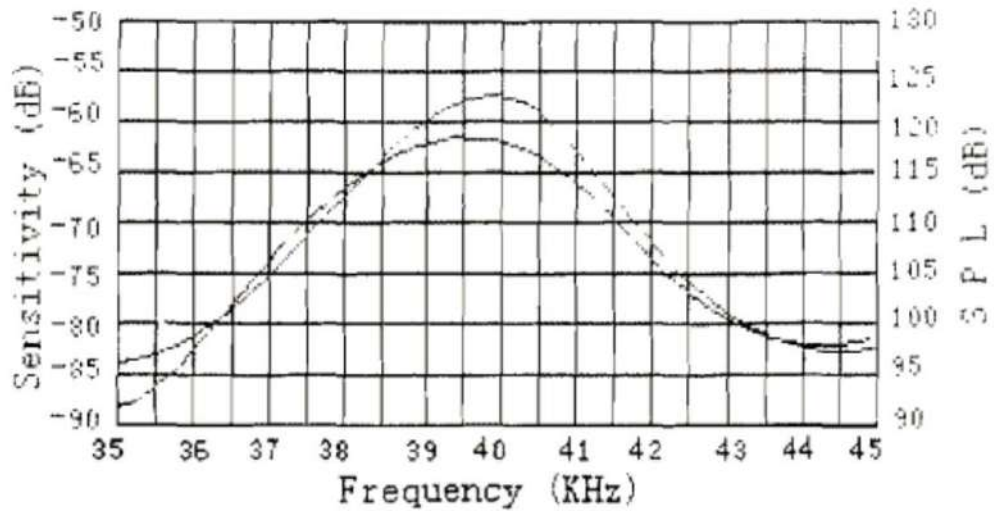


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Beam Pattern

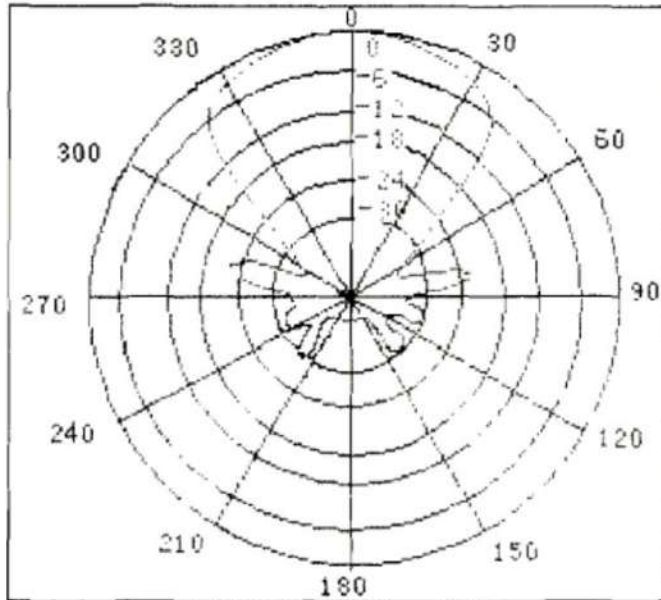


Tested under 10Vrms@30cm



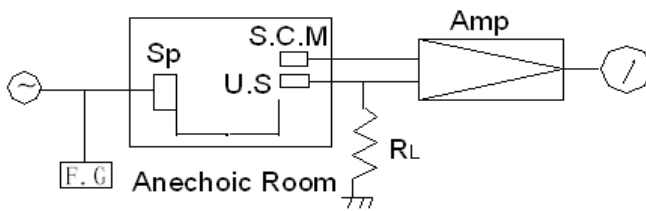
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Temperature & Frequency Curve



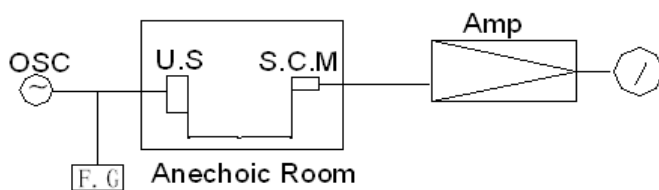
Test Circuit

Receiver



RL: 3.9KΩ
 U.S :Ultrasonic Sensor
 S.C.M:Standard Cappacitor Microphone
 Amp. :Amplifier
 OSC. :Oscillator
 Sp :Tweeter
 F.C :Frequency Counter

Transmitter



U.S :Ultrasonic Sensor
 S.C.M:Standard Cappacitor Microphone
 Amp. :Amplifier
 Input voltage: 10Vrms
 F.C :Frequency Counter