



SPECIFICATION

FOR APPRONAL

Customer : _____

Product Name : Sensor _____

Model Name : VS-A1040H7T _____

Drawing No. : VS20190224002 _____

Signature of Voise

Approved by	Checkde by	Issued by	Date



福爱斯电子有限公司
VOISE ELECTRONICS CO.,LTD.

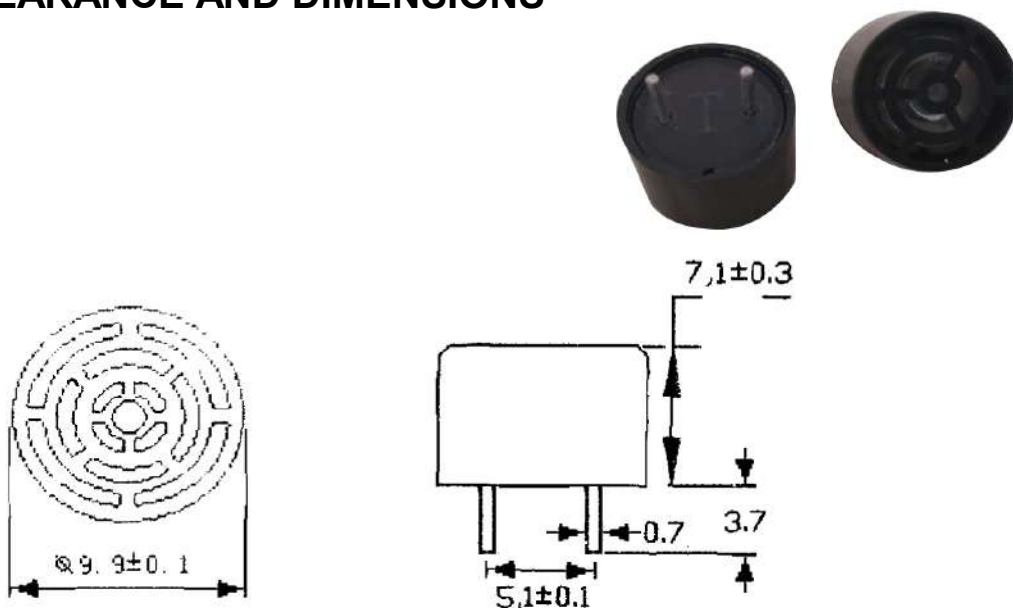
Office Add:Haoyangguang B-302# No.968 Baizhang Road,Ningbo China
Factory add: Shishan Industrial Park Moushan Town Yuyao City China
Tel:86-0574-87471601 Fax:86-0574-87471603 P.C.315000
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Specification for Sensor		Page	2/4
		Revision No.	1.0
Model No.:	VS-A1040H7T	Drawing No.	VS20190224002

ELECTRICAL SPECIFICATION

No	Items	Specification
1	Construction	Open
2	Using Method	Transmitter
3	Center frequency(KHz)	40 KHZ
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

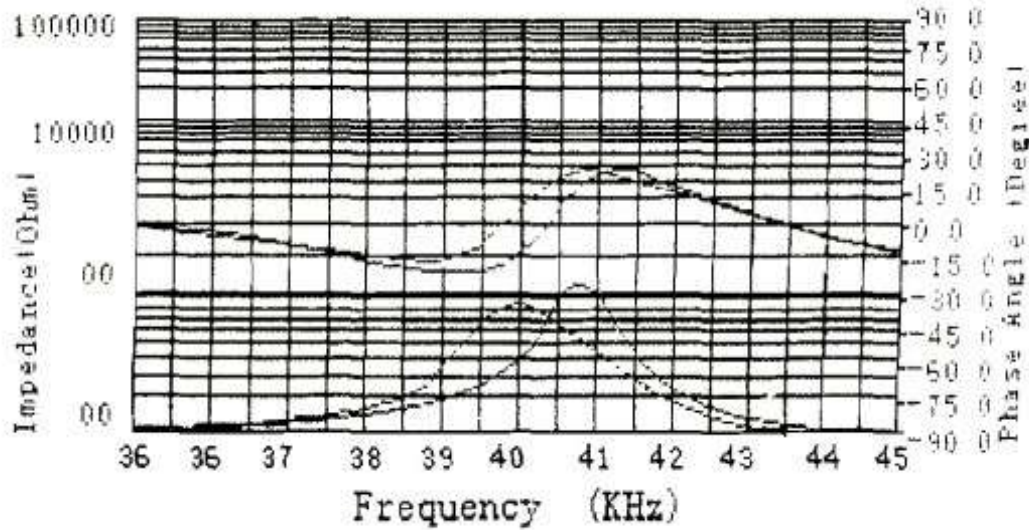
APPEARANCE AND DIMENSIONS



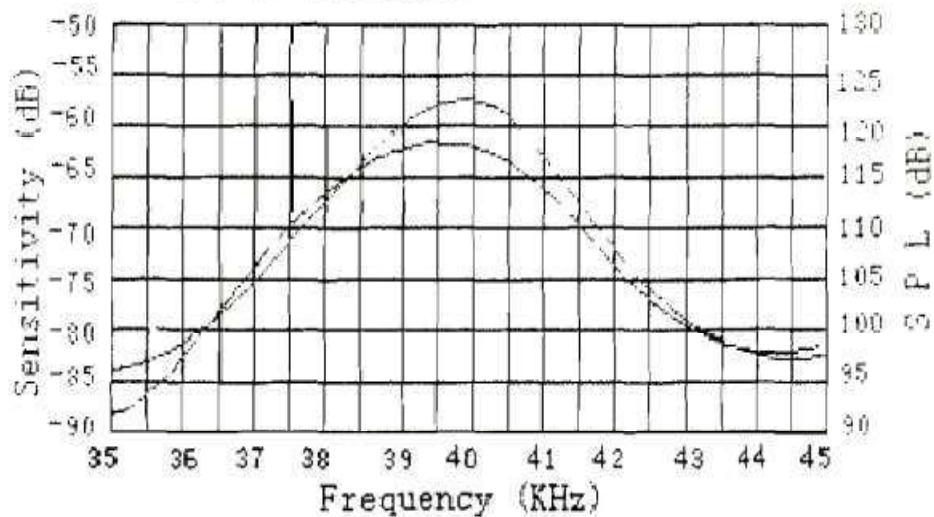


Specification for Sensor		Page	3/4
		Revision No.	1.0
Model No.:	VS-A1040H7T	Drawing No.	VS20190224002

Beam Pattern

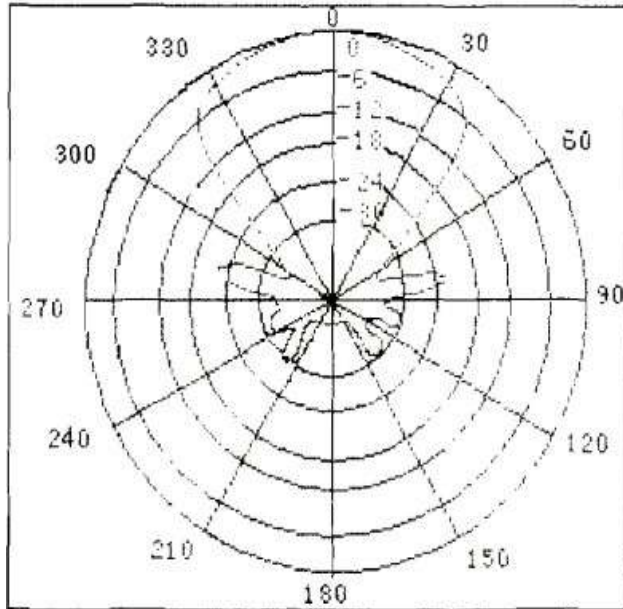


Tested under 10Vrms@30cm



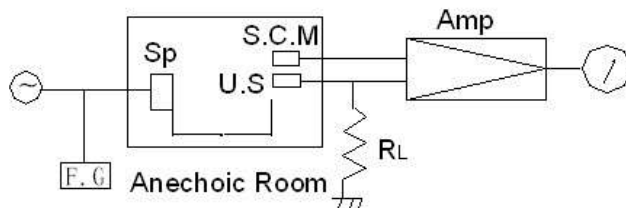
Specification for Sensor		Page	4/4
		Revision No.	1.0
Model No.:	VS-A1040H7T	Drawing No.	VS20190224002

Temperature & Frequency Curve



Test Circuit

Receiver



RL: 3.9KΩ

U.S :Ultrasonic Sensor

S.C.M:Standard Cappable Microphone

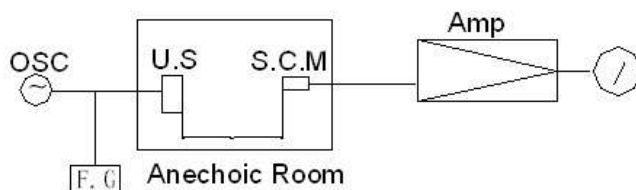
Amp. :Amplifier

OSC. :Oscillator

Sp :Tweeter

F.C :Frequency Counter

Transmitter



U.S :Ultrasonic Sensor

S.C.M:Standard Cappable Microphone

Amp. :Amplifier

Input voltage: 10Vrms

F.C :Frequency Counter