

SPECIFICATION FOR APPROVAL

承 认 书

Customer : _____
Description : **Ultrasonic sensor**
Vender's Part No. : **KS-P1040H07TR**
Customer No. : _____
Date : **2014-04-15**

CUSTOMER'S APPROVED SIGNATURE		



DONGGUAN COSSON ELECTRONIC PLASTIC CO., LTD

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Approved By	Checked By	Made By
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A、SCOPE 范围

This specification applies ultrasonic sensor diaphragm, KS-P1040H07TR

此规格适用于超声波传感器, KS-P1040H07TR

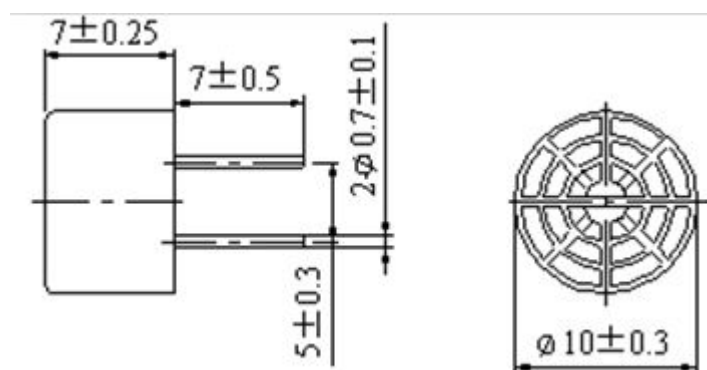
B、SPECIFICATION 规格

No.	Item	Unit	Specification	Condition
1	中心频率Fo Center Frequency	KHz	40±1	
2	自由电容 Free Capacitance	pF	2000±20%	at 1KHz
3	声压 Min. Sound Pressure level	dB	≥110	10Vrms/30cm
4	灵敏度 Sensitivity	dB	≥-84	
5	外壳材料 Meterial		塑胶	
6	Operating temp 操作温度	℃	-30~+85	
7	Storage temp 储存温度	℃	-40~+90	
8	Dimension 尺寸	mm	10*7	See appearance drawing 请参照外观尺寸图
9	Weight	g	1.0	

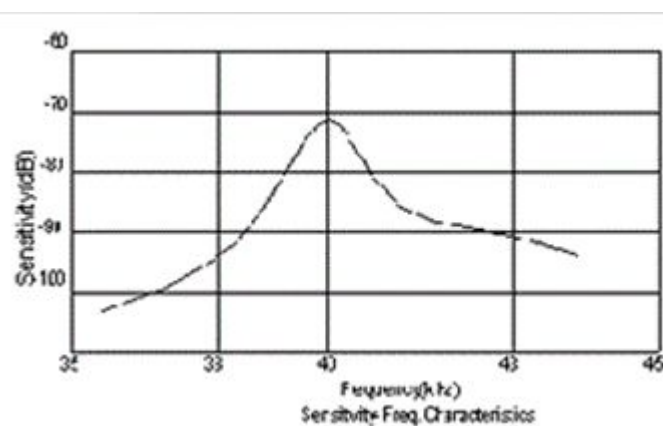


C、APPEARANCE DRAWING 外观尺寸图

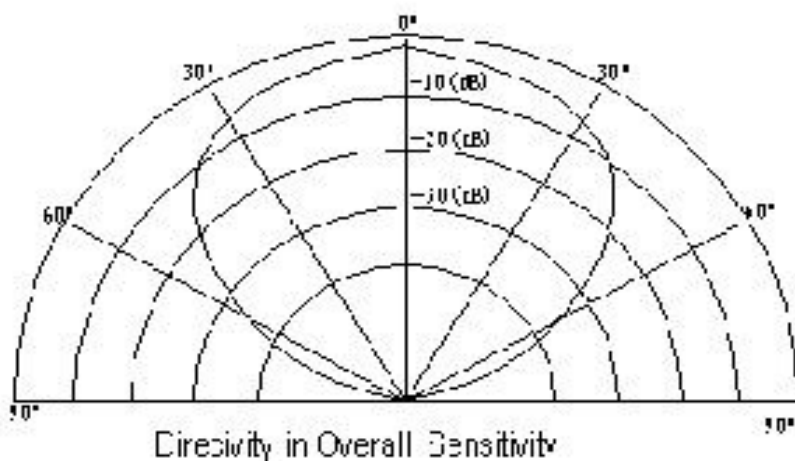
Model NO : KS-P1040H07TR Unit:mm TOL: ± 0.5



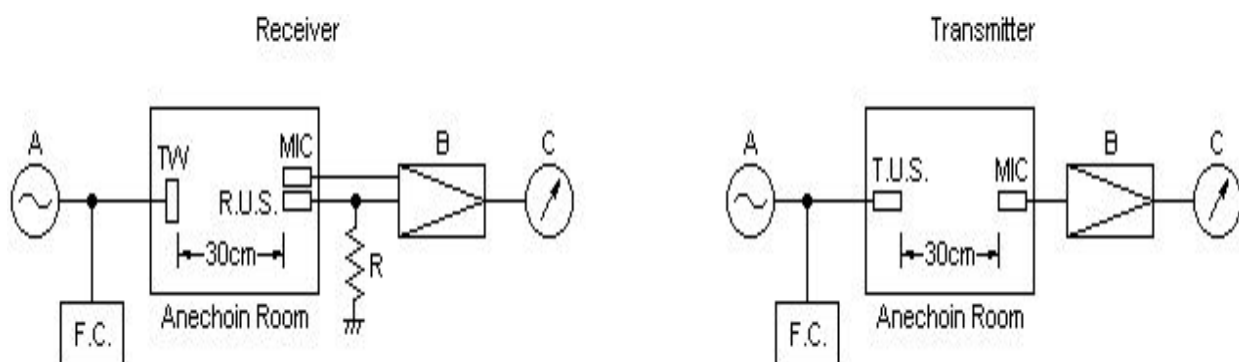
D、INPUT VOLTAGE/S.P.L CHARACTERISTICS 频率特性图



E、DIRECTIVITY 方向特性图



F、TEST CIRCUIT 测试线路推荐



A: Oscillator B: Amplifier C: Voltmeter R: 3.9K MIC: Microphone TW: Tweeter R.U.S.: Receiver Ultrasonic Sensor T.U.S.: Transmitter Ultrasonic Sensor F.C.: Frequency Counter

※ NOTES

- ⌘ This sensor is designed for use in air. Do not use this sensor in fluid.
- ⌘ To prevent sensor malfunctions, operational failure or any deterioration of its characteristics, do not use this sensor in the following, or similar conditions.
 - A. In strong shock or vibration.
 - B. In high temperature and humidity for a long time. C. In corrosive gases or sea breeze.
 - D. In an atmosphere of organic solvents.
- In dirty and dusty environments that may contaminate the sensor front.

