



**DESCRIPTION:** Ultrasonic Sensor  
**MODEL:** MSO-P1040H07T

## FEATURES

Transmitter: "T" mark on housing  
 Compact and light weight.  
 High sensitivity and sound pressure  
 Less power consumption  
 High reliability

## PICTURE:

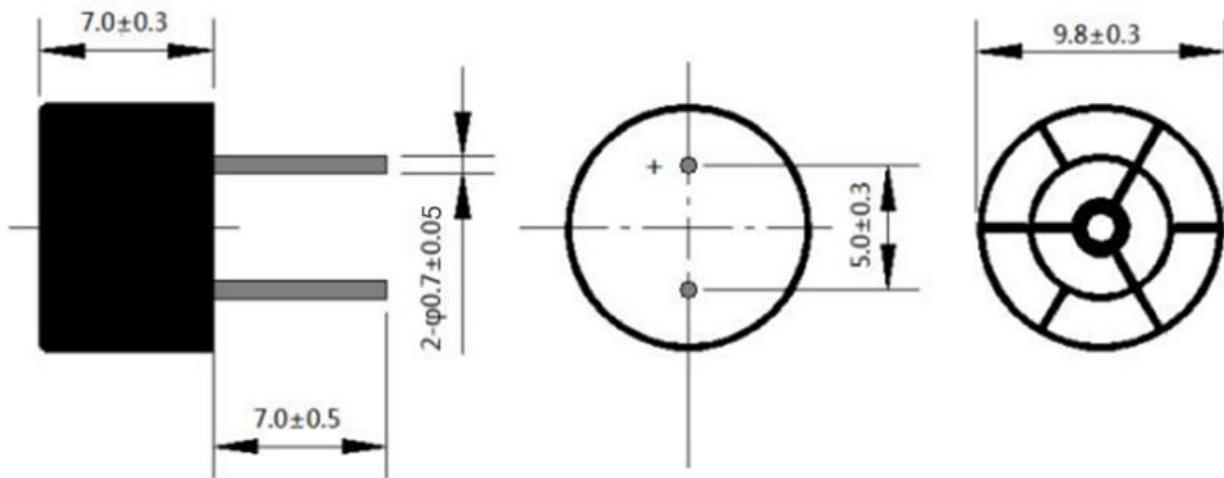


## SPECIFICATIONS

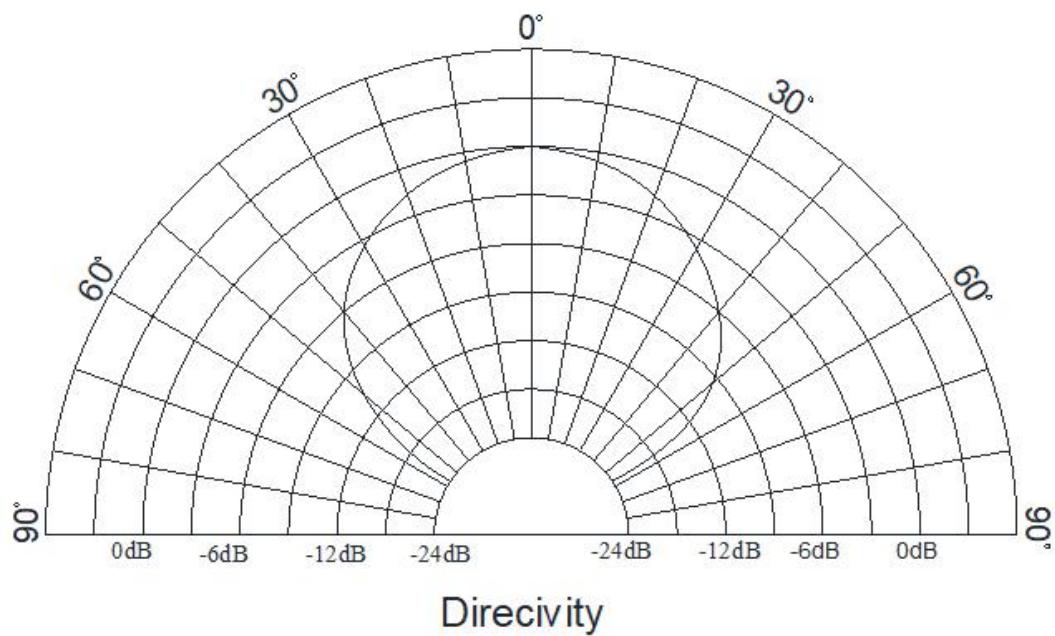
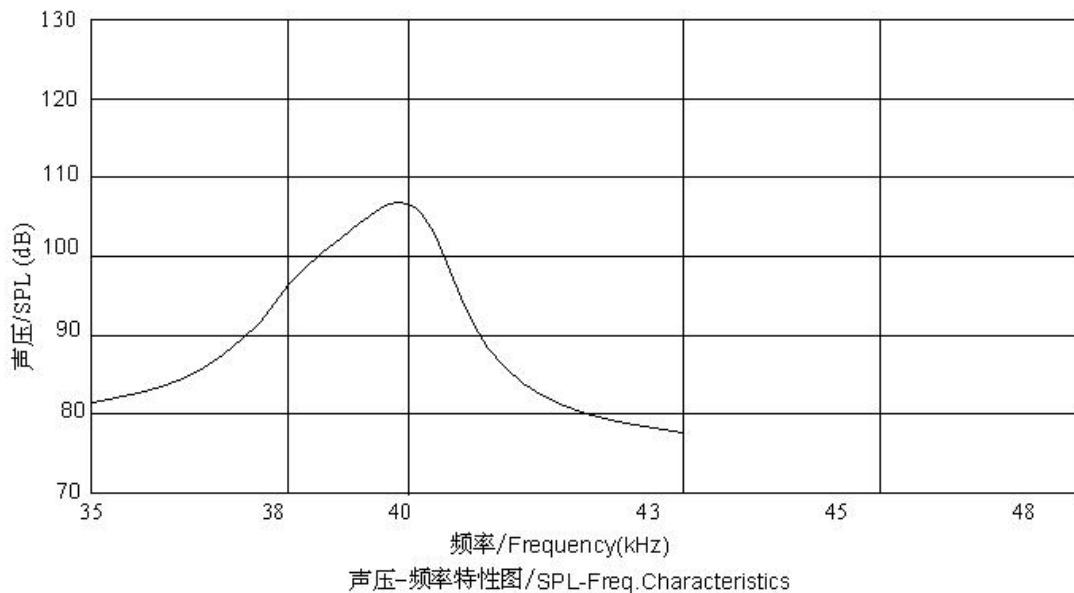
| Item                  | Value              |
|-----------------------|--------------------|
| Using method          | Transmitter        |
| Center frequency      | 40±1.0KHZ          |
| Sound Pressure Level  | ≥115dB             |
| Capacitance           | 2200±25%pF at 1KHz |
| Directivity           | 80°±15° (-6dB )    |
| Maximum input voltage | 40Vp-p             |
| Detectable range      | 0-1200cm           |
| Housing material      | Plastic            |
| Operating Temperature | -20~+80°C          |
| Storage Temperature   | -20~+80°C          |

## MECHANICAL DRAWING

units:mm

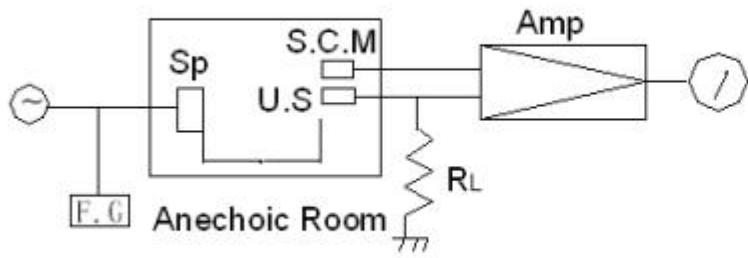


## BEAM PATTERN



## TEST CIRCUIT

Receiver



RL: 3.9KΩ

U.S :Ultrasonic Sensor

S.C.M:Standard Capacitor Microphone

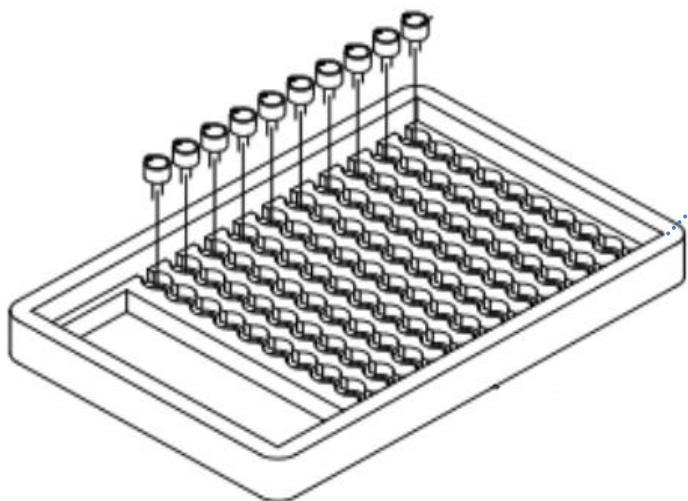
Amp. :Amplifier

OSC. :Oscillator

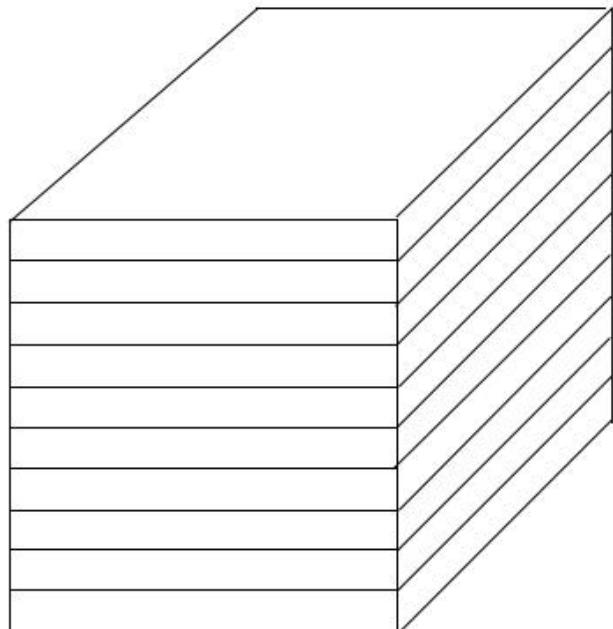
Sp :Tweeter

F.C :Frequency Counter

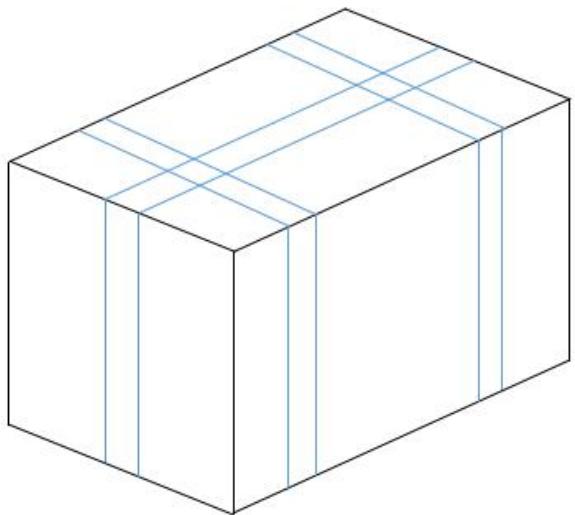
## PACKAGING DETAILS



100PCS/BOX  
BOX SIZE:24\*16\*3CMd



10BOXES/STACK, TOTAL 1000PCS  
STACK SIZE:24\*16\*31CM



2000PCS/CARTON  
CARTON SIZE:25\*25\*33CM