

DESCRIPTION: Ultrasonic Sensor
MODEL: MSO-A1640H12T

FEATURES

Transmitter: "40T" mark on housing
 Compact and light weight.
 High sensitivity and sound pressure
 Less power consumption
 High reliability

PICTURE:

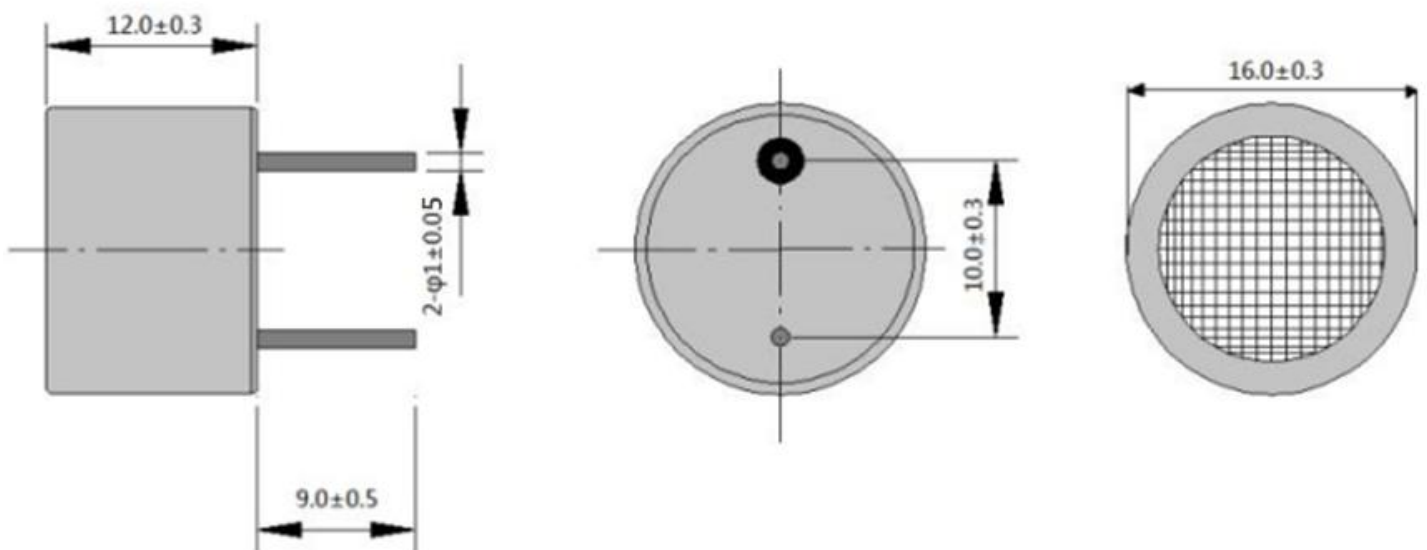


SPECIFICATIONS

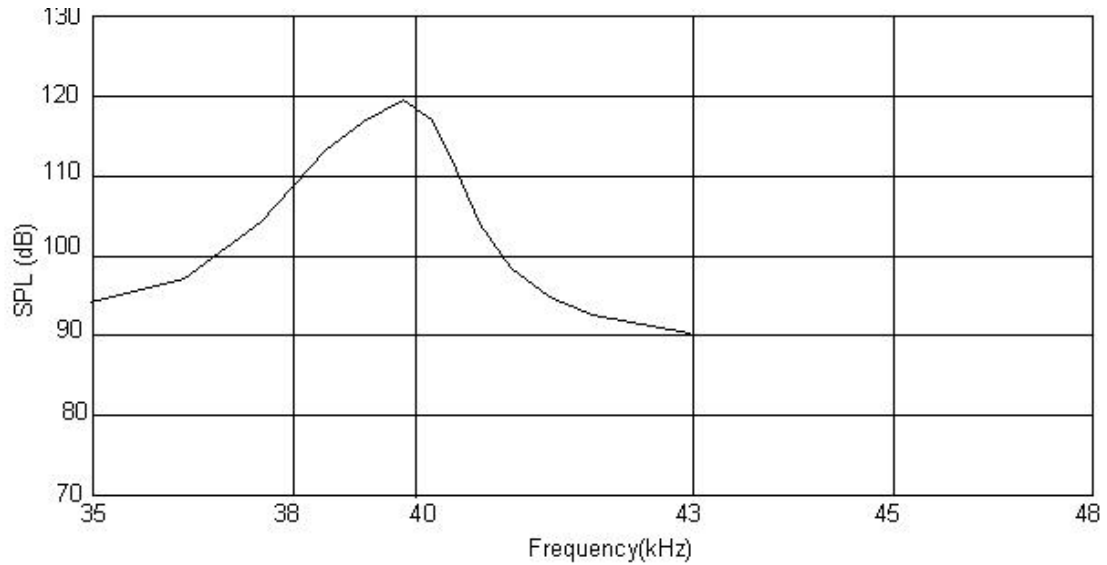
Item	Value
Using method	Transmitter
Center frequency	40±1.0KHZ
Sound pressure level	≥115dB
Capacitance	2200±25%pF at 1KHz
Directivity	80°±15° (-6dB)
Maximum input voltage	60Vp-p
Detectable range	0-1200cm
Housing material	Aluminum
Operating Temperature	-20~+80℃
Storage Temperature	-20~+80℃

MECHANICAL DRAWING

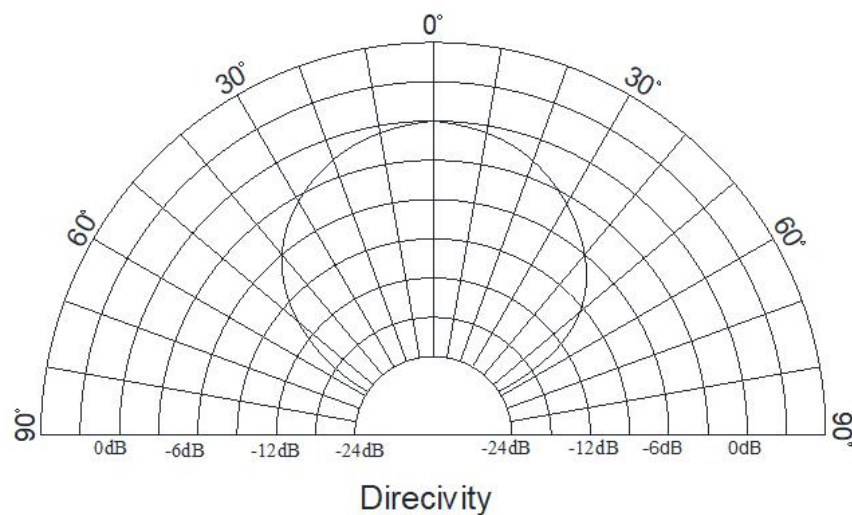
units:mm



BEAM PATTERN



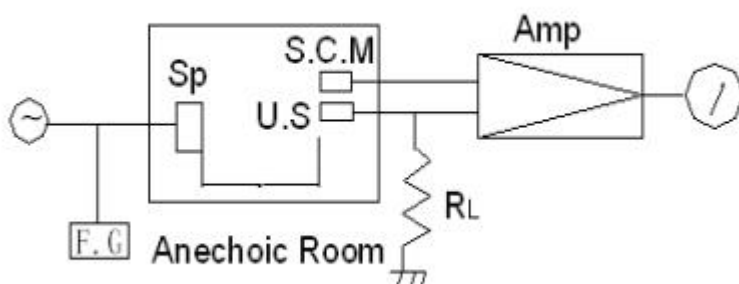
SPL-Frequency Characteristics



Directivity

TEST CIRCUIT

Receiver



RL: 3.9K Ω

U.S. :Ultrasonic Sensor

S.C.M:Standard Cappacitor Microphone

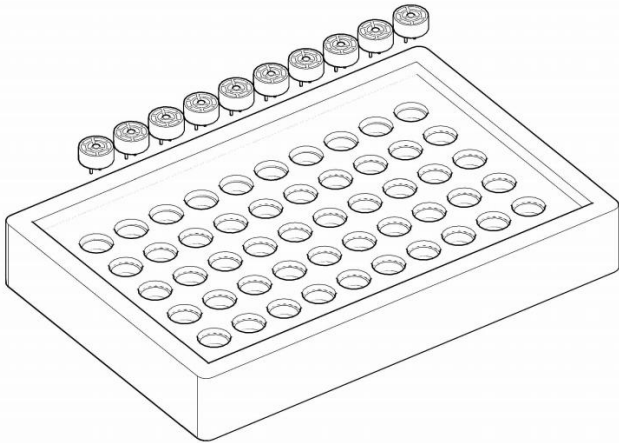
Amp. :Amplifier

OSC. :Oscillator

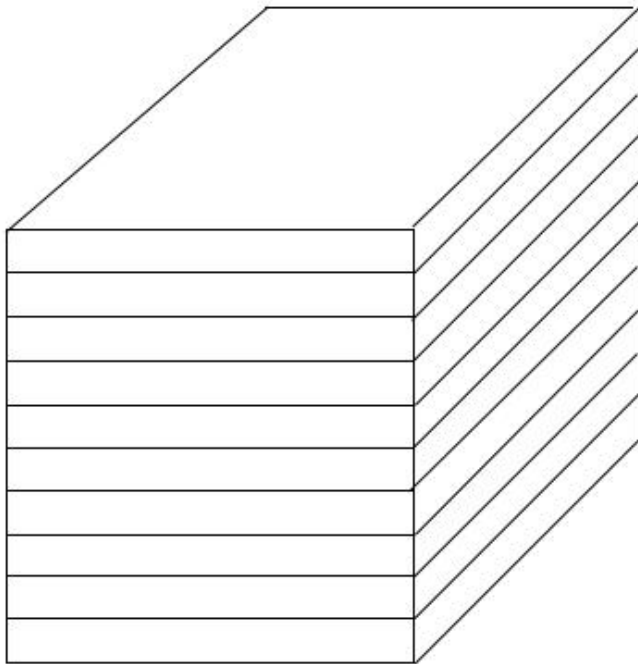
Sp :Tweeter

F.C :Frequency Counter

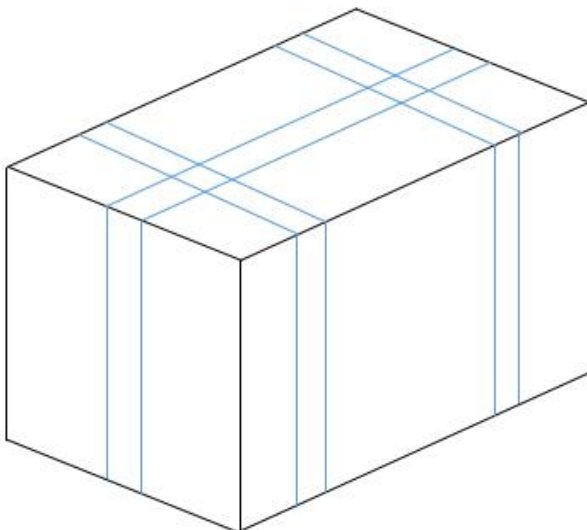
PACKAGING DETAILS



50PCS/BOX
BOX SIZE:23.5*13.5*3CM



10BOXES/STACK, TOTAL 500PCS
STACK SIZE:23.5*13.5*31CM



1000PCS/CARTON
CARTON SIZE:28*28.5*24CM