DESCRIPTION: Ultrasonic Sensor
MODEL: MSO-SAF1640DH12T

PICTURE:



FEATURES

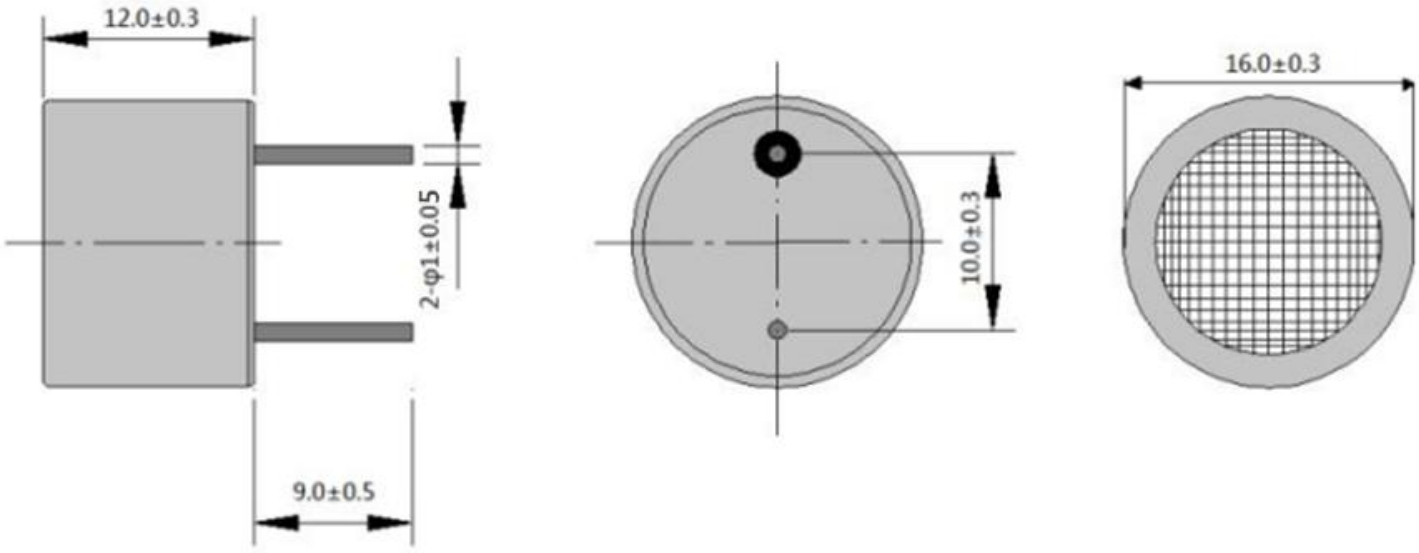
Transmitter: “40T” mark on housing
Compact and light weight.
High sensitivity and sound pressure
Less power consumption
High reliability

SPECIFICATIONS

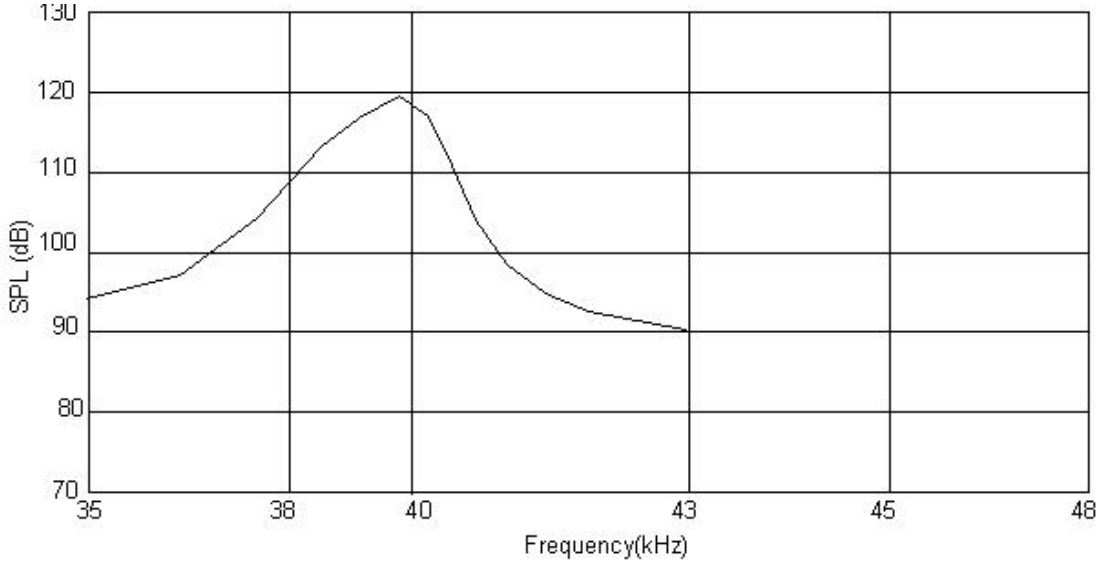
Item	Value
Using method	Transmitter
Center frequency	40±1.0KHZ
Sound pressure level	≥115dB
Capacitance	2200±25%pF at 1KHz
Directivity	80°±15°（-6dB ）
Maximum input voltage	60Vp-p
Detectable range	0-1200cm
Housing material	Aluminum
Operating Temperature	-20～+80℃
Storage Temperature	-20～+80℃
Pin material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

MECHANICAL DRAWING

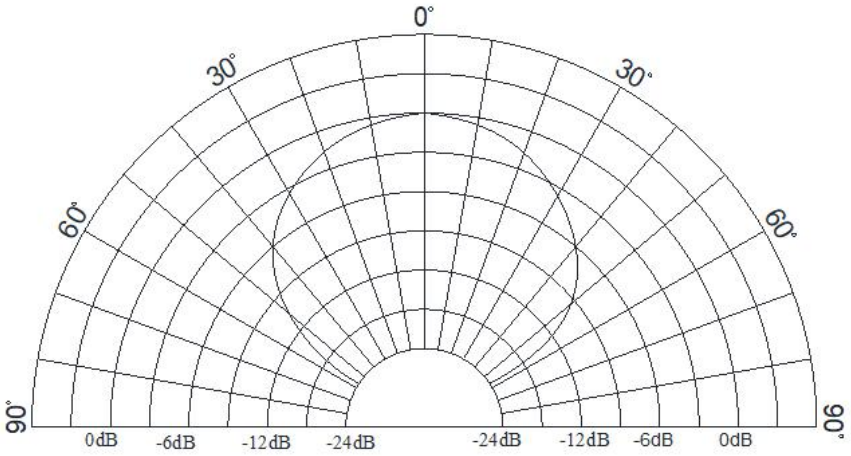
units:mm



BEAM PATTERN

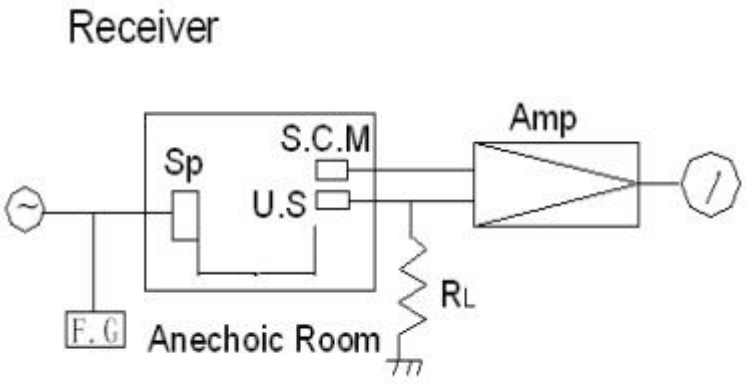


SPL-Frequency Characteristics



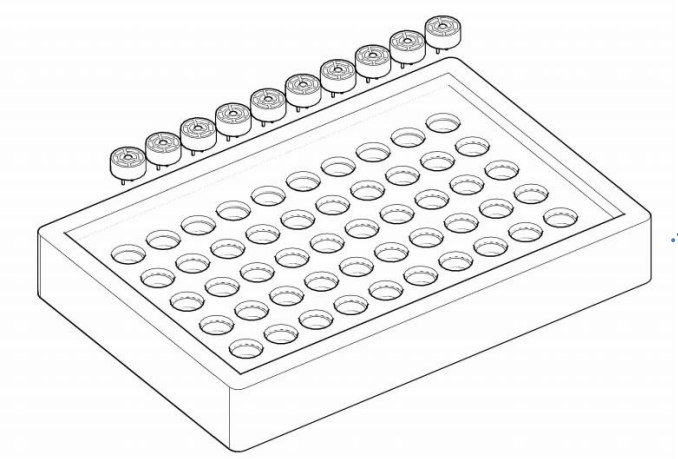
Direcivity

TEST CIRCUIT

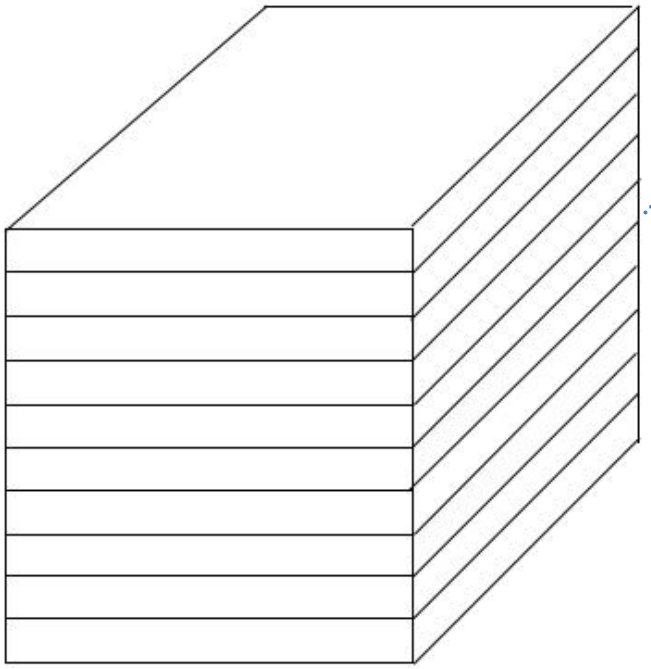


RL: 3.9KΩ
U.S :Ultrasonic Sensor
S.C.M:Standard Cappacitor Microphone
Amp. :Ampifier
OSC. :Oscillator
Sp :Tweeter
F.C :Frequency Counter

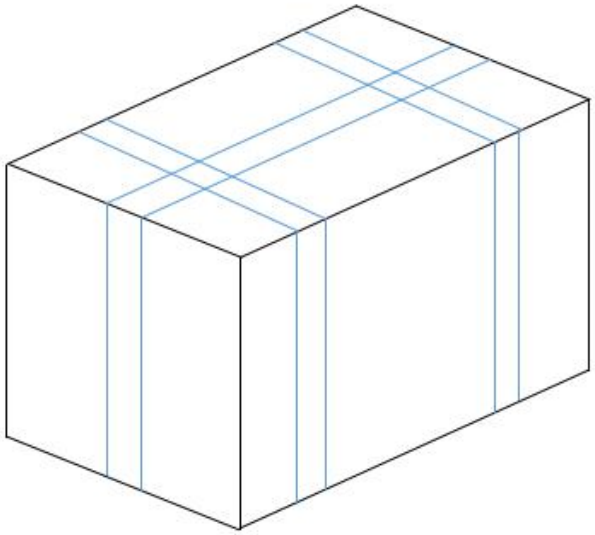
PACKAGING DETAILS



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



10BOXES/STACK, TOTAL 500PCS
STACK SIZE:23.5*13.5*27.5CM



2000PCS/CARTON
CARTON SIZE:47.5*28.5*32CM