



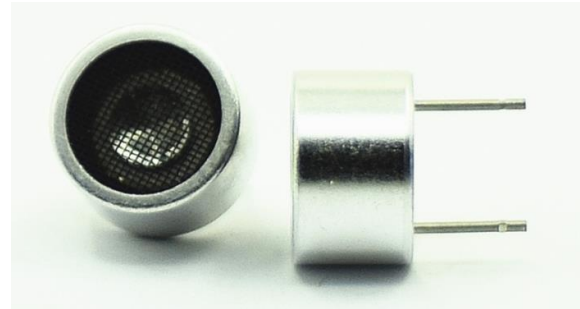
DESCRIPTION: Ultrasonic Sensor

MODEL: MDO-A1640H10T

FEATURES

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

PICTURE:

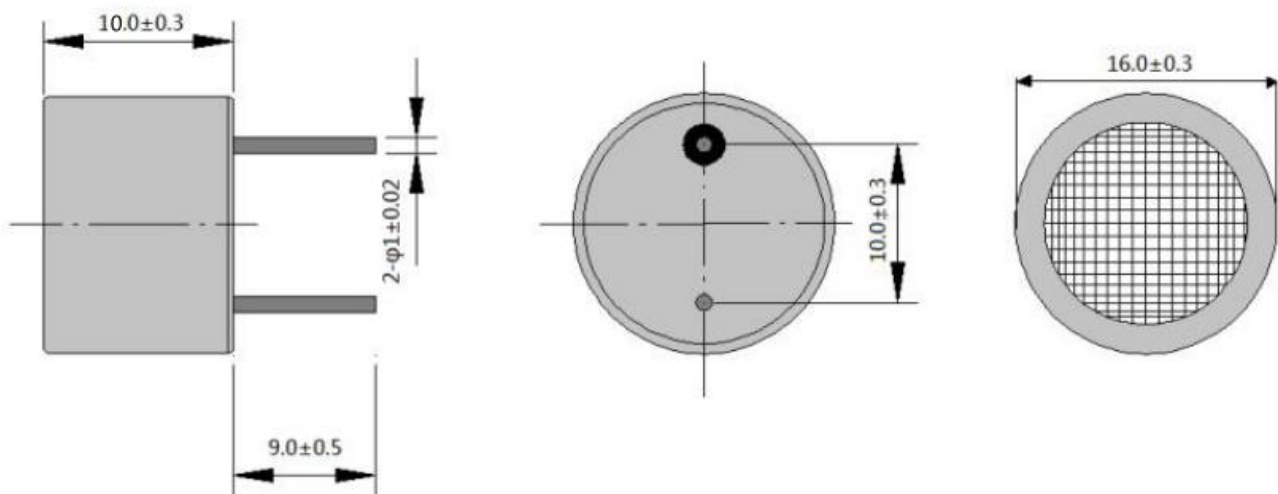


SPECIFICATIONS

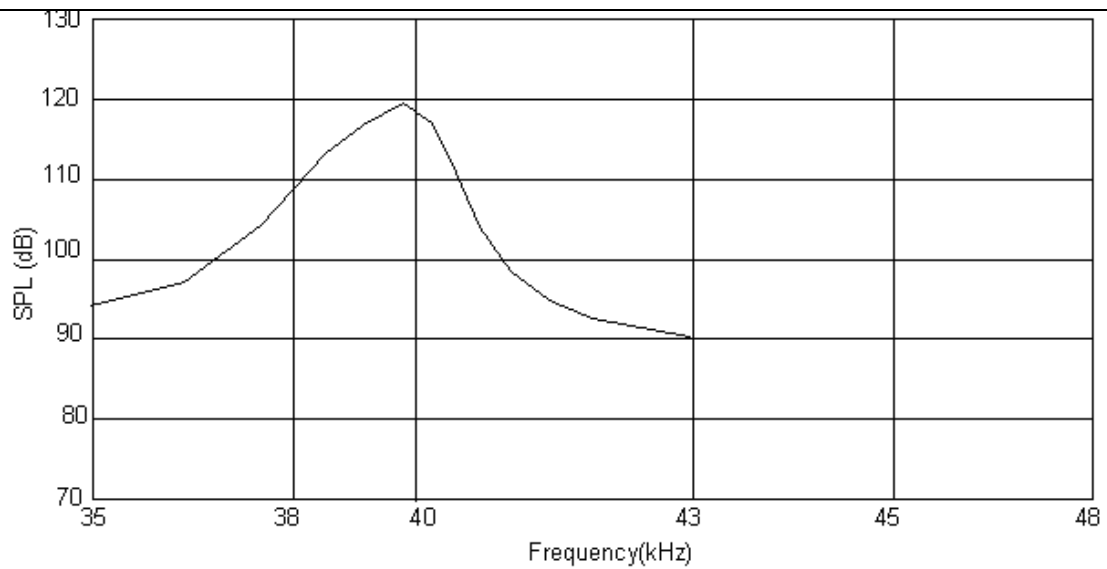
Item	Value
Using method	Transmitter
Nominal Frequency	40KHZ
S P L	$\geq 115\text{dB}(10\text{V}/30\text{cm}/\text{sine wave})$
Directivity	80deg
Capacitance	$2200\text{pF} \pm 20\% @ 1\text{KHz}$
Allowable input voltage	$150\text{Vp-p}(40\text{KHz})$
Detectable range	0.2~18m
Operating Temperature	-20~ +70°C
Housing material	Aluminum
Weight	2.31g

MECHANICAL DRAWING

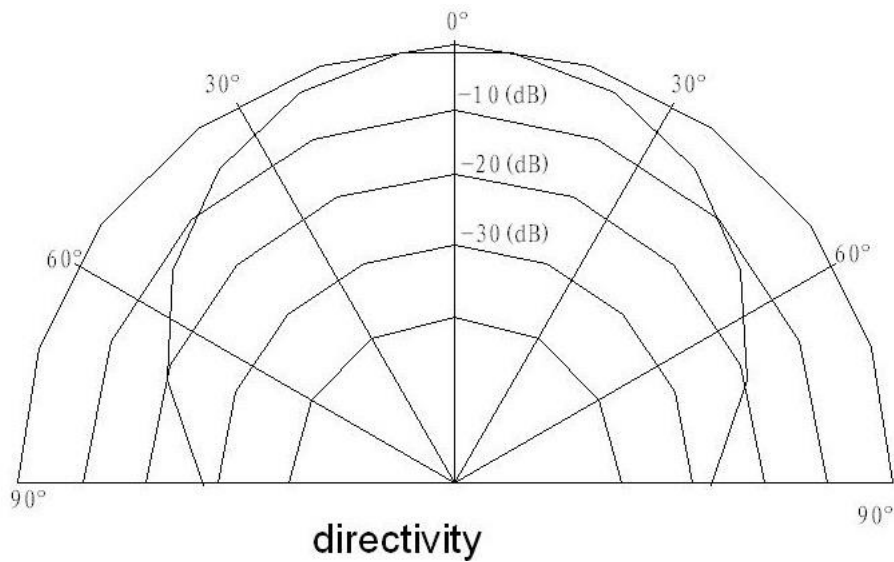
units:mm



BEAM PATTERN



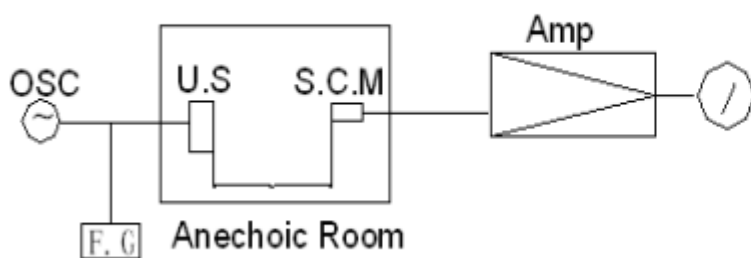
SPL-Frequency Characteristics



directivity

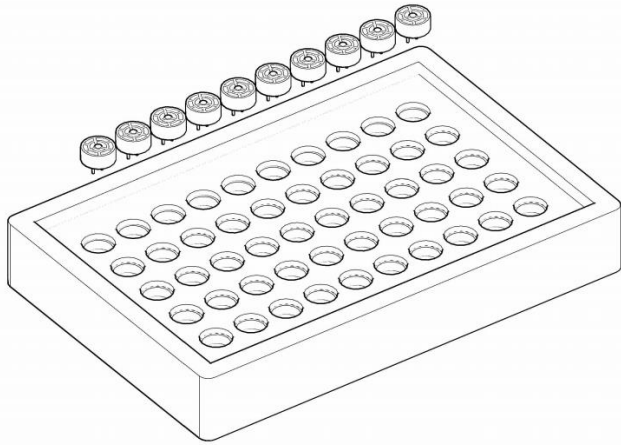
TEST CIRCUIT

Transmitter

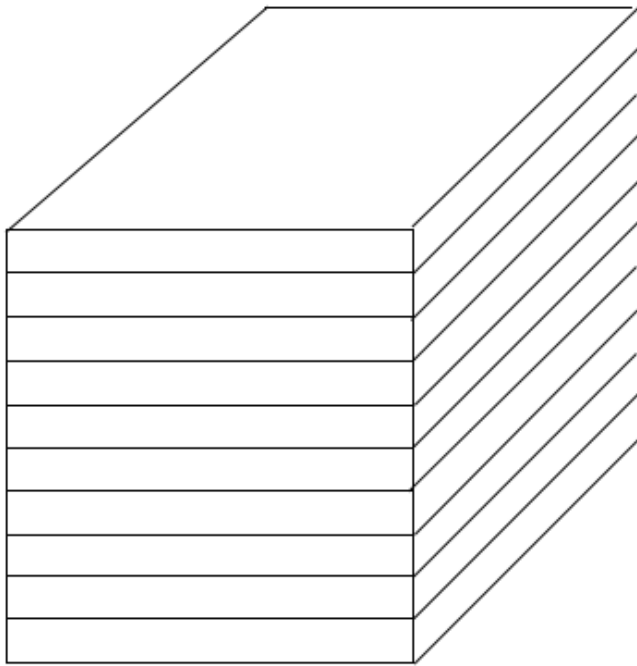


U.S :Ultrasonic Sensor
 S.C.M:Standard Capparitor Microphone
 Amp. :Ampifier
 Input voltage:10Vrms
 F.C :Frequency Counter

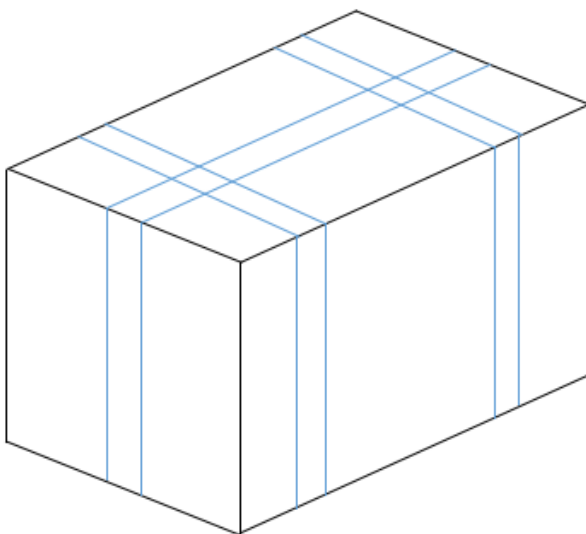
PACKAGING DETAILS



50PCS/BOX
BOX SIZE:24*16*3CM



10BOXES/STACK, TOTAL 500PCS
STACK SIZE:24*16*24CM



2000PCS/CARTON
CARTON SIZE:48*28*32CM