

# Product Specification

Number: MSO-SAF1660DH12T-60HZ

Name: Ultrasonic Sensor

Specification: \_\_\_\_\_

Customer: A05

Date: 2023-03-06

Customer Signature:



**NINGBO KLS ELECTRONIC CO; LTD**

Tel : 0086-574-86828566

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INDUSTRIAL ZONE BEILUN NINGBO ZHEJIANG.

Compi	Check	Review	Approva
Jenny	Jack.C		



Part name	Ultrasonic Sensor	Date	2023-03-06
Part number	MSO-SAF1660DH12T-60HZ	Edition	V1
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**DESCRIPTION:** Ultrasonic Sensor  
**MODEL:** MSO-SAF1660DH12T-60HZ

**FEATURES**

Transmitter: "60T" mark on housing  
 Compact and light weight.  
 High sensitivity and sound pressure  
 Less power consumption  
 High reliability

**PICTURE:**

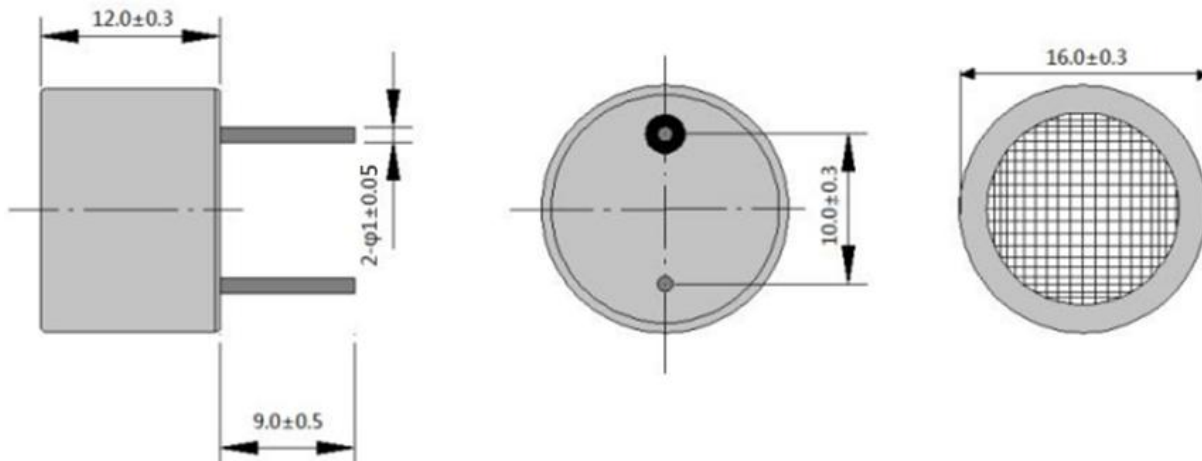


**SPECIFICATIONS**

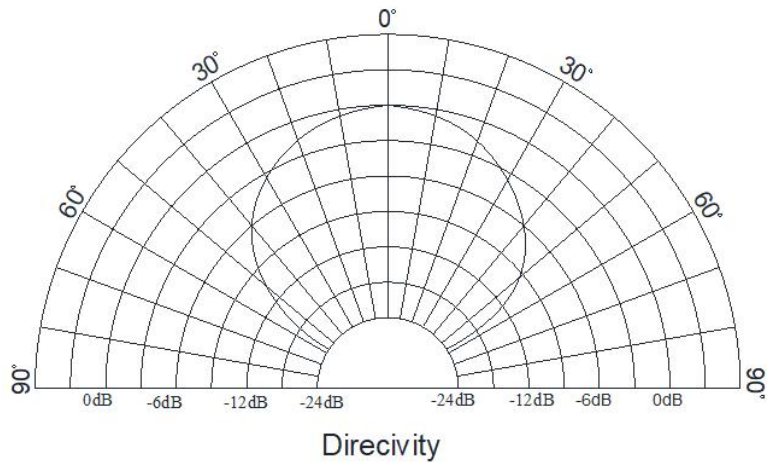
Item	Value
Using method	Transmitter
Center frequency	60±1.0KHZ
Sound pressure level	≥115dB
Capacitance	2200±25%pF at 1KHz
Directivity	80°±15° (-6dB )
Maximum input voltage	60Vp-p
Detectable range	0-1200cm
Housing material	Aluminum
Operating Temperature	-20~+80℃
Storage Temperature	-20~+80℃
Pin material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

**MECHANICAL DRAWING**

units:mm

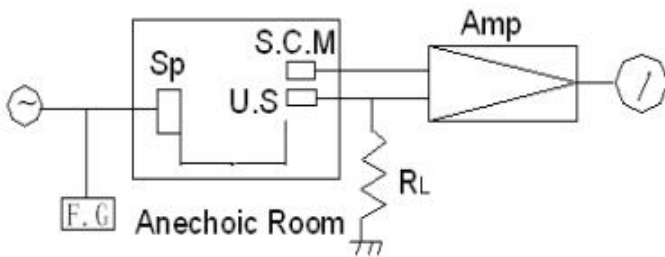


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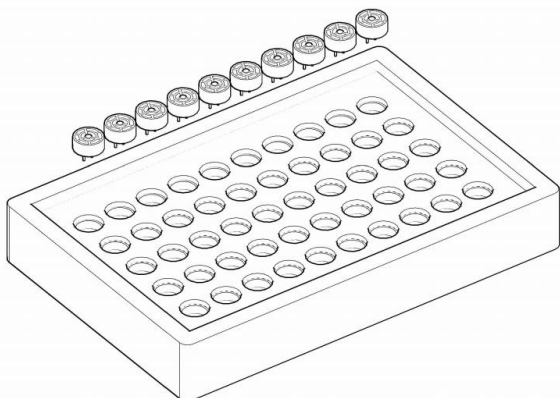
**TEST CIRCUIT**

Receiver



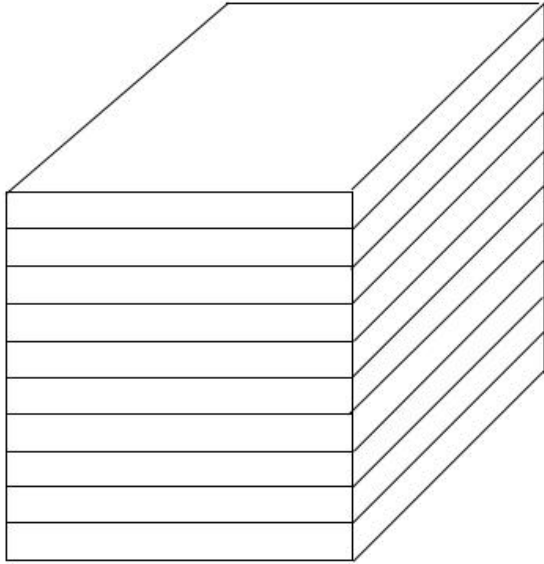
- RL: 3.9KΩ
- U.S :Ultrasonic Sensor
- S.C.M:Standard Cappacitor Microphone
- Amp. :Amplifier
- OSC. :Oscillator
- Sp :Tweeter
- F.C :Frequency Counter

**PACKAGING DETAILS**

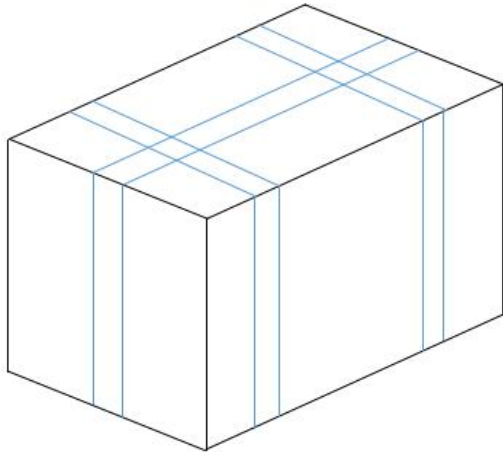


50PCS/BOX  
BOX SIZE:23.5\*13.5\*3CM

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



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