10mm 40KHZ 10mm ultrasonic sensor probe 40KHz transmitting

Produktkode: 941aa
Tilgjengelighet: 15
Weight: 0.00kg
Custom Field 5 (Location): S164

Pris: kr. 30,00

Kort beskrivelse

10mm 40KHZ 10mm ultrasonic sensor probe 40KHz transmitting split black metal shell ranging

Beskrivelse

Description

Report Item

10pcs 10mm 40KHZ10mm ultrasonic sensor probe 40KHz receiving and transmitting split black metal shell

T represents emission. R represents reception.

The black circle on the pin is positive, and the other one is negative when connected to the casing

10MM size: 10MM long, 7MM high, with a distance of 5MM between the legs

baochengtech Store

Ultrasonic sensor probe

10mm Black 40KHz



Receive



Transmit

Transmission and reception split

Brand New Authentic

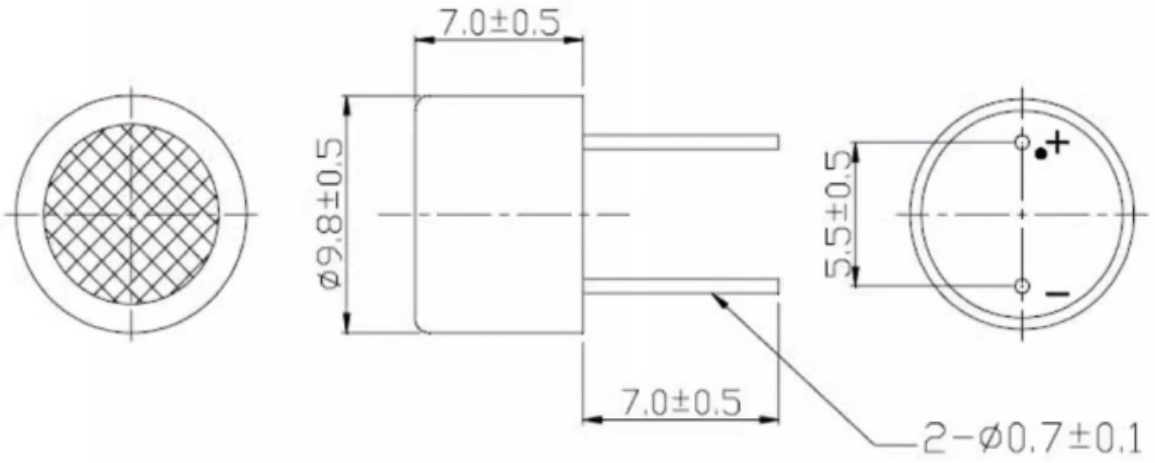
规格参数：

SPECIFICATIONS规格：

ITEM项目	T40-10Q	R40-10Q
Center frequency中心频率（KHz）	40.0±1KHz	40.0±1KHz
Sound Pressure Level声压（dB）0dB=0. 0002 μ bar	≥108dB	----------
Sensitivity灵敏度（dB）0dB=1volt/ μ bar	----------	≥-67dB
Bandwidth带宽（dB）	2.0KHz	2.0KHz
Beam Angle指向角 -6dB	80°±15°	
Capacitance静电容量（pF）	2200±20%pF	
Color颜色	Black	
Max. Driving Voltage最大驱动电压(RMS)	40Vrms	
Working Temperature工作温度(℃)	-20 to +70℃	
Storage Temperature贮存温度(℃)	-40 to +85℃	

Note：″T" for Transmitter "R" for Receiver

尺寸：



Asymmetric Beam Patterns

Temperature Compensated

Specification

Transceiver	
Center Frequency	40.0±1.0Khz
Bandwidt (-6dB) F.O.M.	1.2Khz
Transmitting soundPressure Level at resonant frequency;0dB re 0.0002μ bar per 10Vrms at 30cm	105dB min.
Receiving Sensitivity at resonant frequency 0dB=1 volt/μ bar	-73dB min.
Nominal Impedance (Ohm)	1000
Ringing (measuerd with rubber holder as per figure on next page)	1.5ms max.
Capacitance at 1KHz ±25%	2000pF
Max.Driving Voltage (pulse width 0.5ms interval 50ms)	80Vp-p
Total Beam Angle -6dB	80° ±12°
Operation Temperature	-30to80℃
Storage Temperature	-40to85℃

Allspecification taken typical at 25℃

Both lead pins and lead wires output are available

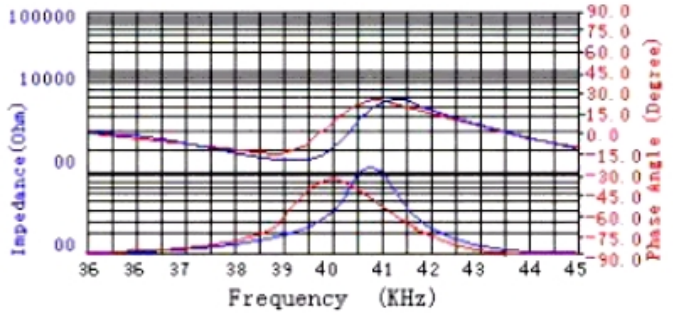
Temperature compensated type is optional Upon request

Model availablc:

TR4010HC-1	Plastic Housing
TR4010HC-2	Aluminum Housing
TR4010HC-3	Black Al- Housing

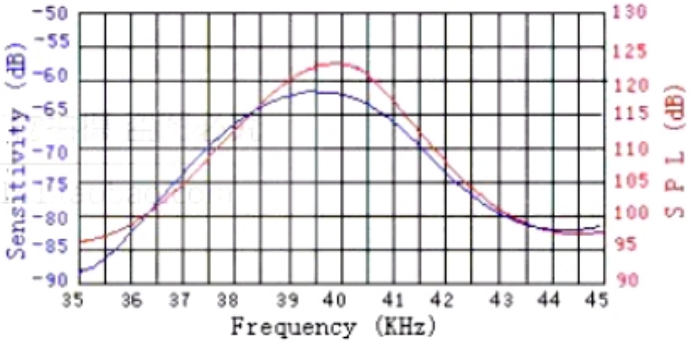
Impedance/Phase Angle vs.Frequency

Tested under 1Vrms Oscillation Level



Sensitivity/Sound Pressure Level

Tested under 10Vrms@30cm



Beam Angle: Tested at 40.0Khz frequency

