Air Ultrasonic Ceramic Transducers 400st R160 Impedance

PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re

0.0002µbar per 10 Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar-65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving ... 400ST-R120 Air Ultrasonic Ceramic Transducers . Tested under 1Vrms Oscillation Level 400SR120 Impedance 400SR120 Phase 400ST120 Impedance 400ST120 Phase. Specification. 400ST120 400SR120 Center Frequency Bandwidth 400ST120 400SR120 Transmitting Sound Pressure Level re

0.0002µbar

400ST/R160 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Pro-Wave Electronics 400ST/R100 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

Air Ultrasonic Ceramic Transducers 400ST/R100 Dimensions

Ultrasonic Transducers - Measurements and Horn Design Ceramic chip for 20kHz ultrasonic welding transducer(HD) How to use inexpensive transducers for ultrasonic measurement Ultrasonic Vibration Performance for 35kHz 1000Watt 4 Ceramic Transducer

SESSION 2A. Ultrasonic Transducers for Operation in Air

Ultrasonic transducers of various

frequencies【HD】 20khz ultrasonic transducer with booster(HD) Piezoelectric Ceramics - Beijing Ultrasonic Piezoelectric Ceramics | Piezoceramics - Beijing Ultrasonic Ultra Deep Clean with Sonics - Building a simple Ultrasound cleaner - how to make ultrasonic cleaner - basic cleaner for cheap ! how to make an ultrasonic parts cleaner Ultrasonic Mist Maker || DIY or Buy Piezoelectric Generator

Ultrasonic horn - measuring vibration

amplitude

Ultrasonic cleaning demonstration ~~Ultrasonic Levitation~~ ~~Ultrasonic Signal Generator Circuit - Beijing Ultrasonic~~ water atomizer humidifier 1.7Mhz ceramic piezo plate test 40kHz 500watt Piezoelectric Ultrasonic Welding Transducer Testing piezoelectric ceramics for cracks PA Tutorial - Ultrasonic Transducers - Construction, bandwidth and damping 15kHz and 20kHz ultrasonic welding transducer's

ceramic chip(HD) Prestress control for power ultrasonic transducers and converters assembling - PiezoClamping Ultrasonic Beauty Transducer Manufacturer \u0026 Supplier Piezo Vibration Ultrasonic Transducer Piezoelectric Ceramic Disc Ultrasonic Cleaning Transducers - Beijing Ultrasonic Air Ultrasonic Ceramic Transducers 400st

Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160

Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 µbar per 10Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ µbar -65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R160 Dimensions

Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are available at Mouser Electronics and are suitable for continual wave driving, such as Doppler motion detector.

400ST/R160 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz

Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002µbar per 10 Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar-65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving ...

PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 ...

Air Ultrasonic Ceramic Transducers 400ST/R160 S. Square Enterprise

Company Limited Pro-Wave Electronics Corporation Http://www.pro-wave.com.tw ; E-mail: sales@pro-wave.com.tw ; Tel: 886-2-22465101 ; Fax: 886-2-22465105 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded Resistor SPL Variation vs. Driving Voltage -80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K ...

Air Ultrasonic Ceramic Transducers 400ST/R160 Impedance ...

Air Ultrasonic Ceramic Transducers 400ST/R100 Specification 400ST100 Transmitter 400SR100 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST100 2.5Khz 400SR100 3.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ µbar -70dB min. Capacitance at 1Khz ±20% 1900 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R100 Dimensions

Air Ultrasonic Ceramic Transducers 400ST/R120 Specification 400ST120 Transmitter 400SR120 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST120 2.0Khz 400SR120 2.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002µbar per 10 Vrms at 30cm 115dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar -67dB min. Capacitance at 1Khz ± 20%

2400 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers
Pro-Wave Electronics 400ST/R100 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

400ST/R100 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Specification: 400ST160: Transmitter: 400SR160: Receiver: Center Frequency: 40.0±1.0KHz: Bandwidth(-6dB) 2.0KHz (Tx), 2.5KHz(Rx)

400STR160 Spec - Pro-Wave

Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such

as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

400ST/R160 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Air Ultrasonic Ceramic Transducers 250ST/R160 Specification 250ST160 Transmitter 250SR160 Receiver Center

Frequency 25.0±1.0KHz Bandwidth (-6dB) 2.0KHz Transmitting Sound Pressure Level at 25.0KHz; 0dB re 0.0002µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 25.0KHz 0dB = 1 volt/µbar-62dB min. Capacitance at 1KHz ±20% 250ST 3000 pF 250SR 2600 pF Max. Driving Voltage (cont ...

Air Ultrasonic Ceramic Transducers - Pro-Wave

Air Ultrasonic Ceramic Transducers

400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded Resistor SPL Variation vs. Driving Voltage-80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K Loaded Resistor (Ohm) S e n s i t i v i t y (d B) 85 90 95 100 105 110 115 120 125 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 Vrms S P L (d B) Center Frequency Shift vs ...

Air Ultrasonic Ceramic Transducers

400ST/R160

Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0±1.0KHz Bandwidth (-6dB) 400ST160 2.0KHz 400SR160 2.5KHz Transmitting Sound Pressure Level at 40.0KHz; 0dB re 0.0002 bar per 10Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0KHz 0dB = 1 volt/ bar-61dB min. Air Ultrasonic Ceramic Transducers 400ST/R160 Directivity of a

...

Air Ultrasonic Ceramic Transducers 400st R160 Impedance

> Air Ultrasonic Transd. 400ST/R100- how to connect? Print. Go Down. Pages: [1] Topic: Air Ultrasonic Transd. 400ST/R100- how to connect? (Read 4378 times) previous topic - next topic. wolpertinger Guest; Air Ultrasonic Transd. 400ST/R100- how to connect? Dec 29, 2010, 12:47 am Last Edit: Dec

29, 2010, 02:04 am by wolpertinger Reason: 1. hello all i would like to experiment with ultrasound rx ...

Air Ultrasonic Transd. 400ST/R100- how to connect?

Ultrasonic Air Transducers Piezoelectric high frequency transducers generate, receive, or generate and receive ultrasonic signals that can be used to measure distances in air, water, or other fluid media, to determine flow rates, or

for other applications. A single ultrasonic transducer can both generate and receive a signal, but the two functions often are separated to optimize the ...

~~Ultrasonic Air Transducers | APC International~~

Air Ultrasonic Ceramic Transducers 400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs Loaded Resistor SPL Variation vs Driving

Voltage-80-75-70-65-60-55-50-45 ... Air Ultrasonic Ceramic Transducers 400st R160 Impedance Kindle File Format Air Ultrasonic Ceramic Transducers 400st R160 Impedance air ultrasonic ceramic transducers 400st As recognized, adventure as ...

Download Air Ultrasonic Ceramic Transducers 400st R160 ...

The 400ST160 is a standard open type Transducer Transmitter consist of a

piezoelectric ceramic disc mounted at the node of its fundamental resonant frequency, a conical metal resonator bonded at the center of disc acting as a rigid piston.

400ST160 Prowave, Transducer, Transmitter, Ultrasonic ...

400ST160 Datasheet(PDF) 1 Page - List of Unclassifed Manufacturers: Part No. 400ST160: Description Air Ultrasonic Ceramic Transducers: Download 2 Pages:

Scroll/Zoom: 100% : Maker: ETC [List of Unclassifed Manufacturers]

400ST160 datasheet(1/2 Pages) ETC | Air Ultrasonic Ceramic ...

400ST-R120 Air Ultrasonic Ceramic Transducers . Tested under 1Vrms Oscillation Level 400SR120 Impedance 400SR120 Phase 400ST120 Impedance 400ST120 Phase. Specification. 400ST120 400SR120 Center Frequency Bandwidth 400ST120 400SR120

Transmitting Sound Pressure Level re 0.0002µbar

400ST-R120 datasheet - Air Ultrasonic Ceramic Transducers

CTDCO., formerly Ceramic Transducer Design Co., Ltd, is a leading manufacturer and supplier of piezoelectric transducer and ultrasonic sensor to domestic and international companies. Since its establishment in 1990,it have pursued research and

development the elements only in Taiwan. The first decade of CTDCO, we make the high quality and compact ultrasonic sensors. The second decade of CTDCO ...

Ceramic Transducer Design Co., Ltd-professional on ...

Title: T400S16 Author: Simon Tang Created Date: 1998ï¿½~11ï¿½ï¿½13ï¿½ï¿½ 09:32:31 AM

Ultrasonic Air Transducers Piezoelectric high frequency transducers generate, receive, or generate and receive ultrasonic signals that can be used to measure distances in air, water, or other fluid media, to determine flow rates, or for other applications. A single ultrasonic transducer can both generate and receive a signal, but the two functions often are separated to optimize the ...

Air Ultrasonic Ceramic Transducers - Pro-Wave

400ST-R120 datasheet - Air Ultrasonic Ceramic Transducers
Ceramic Transducer Design Co., Ltd-professional on ...
400STR160 Spec - Pro-Wave

Specification: 400ST160: Transmitter: 400SR160: Receiver: Center Frequency: 40.0±1.0KHz: Bandwidth(-6dB) 2.0KHz (Tx), 2.5KHz(Rx)

Ultrasonic Transducers - Measurements and Horn Design Ceramic chip for 20kHz ultrasonic

welding transducer(HD) ~~How to use inexpensive transducers for ultrasonic measurement~~ Ultrasonic Vibration Performance for 35kHz 1000Watt 4 Ceramic Transducer

SESSION 2A. Ultrasonic Transducers for Operation in Air

Ultrasonic transducers of various frequencies【HD】 20khz ultrasonic transducer with booster(HD) Piezoelectric Ceramics - Beijing Ultrasonic Piezoelectric Ceramics | Piezoceramics - Beijing Ultrasonic Ultra Deep Clean with Sonics - Building a simple Ultrasound cleaner - how to make ultrasonic cleaner - basic cleaner for cheap ! how to make an ultrasonic

parts cleaner Ultrasonic Mist Maker || DIY or Buy Piezoelectric Generator

Ultrasonic horn - measuring vibration amplitude

Ultrasonic cleaning demonstration~~Ultrasonic Levitation~~ Ultrasonic Signal Generator Circuit - ~~Beijing Ultrasonic~~ water atomizer humidifier 1.7Mhz ceramic piezo plate test 40kHz 500watt Piezoelectric Ultrasonic Welding Transducer Testing piezoelectric ceramics for cracks PA Tutorial - Ultrasonic Transducers - Construction, bandwidth and damping 15kHz and 20kHz ultrasonic welding transducer's ceramic chip(HD) Prestress control for power ultrasonic transducers and converters assembling -

PiezoClamping Ultrasonic Beauty Transducer Manufacturer \u0026 Supplier Piezo Vibration Ultrasonic Transducer Piezoelectric Ceramic Disc Ultrasonic Cleaning Transducers - Beijing Ultrasonic Air Ultrasonic Ceramic Transducers 400st

400ST160 Datasheet(PDF) 1 Page - List of Unclassifed Manufacturers: Part No. 400ST160: Description Air Ultrasonic Ceramic Transducers: Download 2 Pages: Scroll/Zoom: 100% : Maker: ETC [List of Unclassifed Manufacturers] Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are available at Mouser

Electronics and are suitable for continual wave driving, such as Doppler motion detector.

400ST160 datasheet(1/2 Pages) ETC | Air Ultrasonic Ceramic ...

Air Ultrasonic Ceramic Transducers 400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs Loaded Resistor SPL Variation vs Driving Voltage-80-75-70-65-60-55-50-45 … Air Ultrasonic Ceramic Transducers 400st R160 Impedance Kindle File Format Air Ultrasonic Ceramic Transducers 400st R160 Impedance air ultrasonic ceramic transducers 400st As recognized, adventure

as ...

400ST/R100 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Air Ultrasonic Ceramic Transducers 400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded Resistor SPL Variation vs. Driving Voltage-80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K Loaded Resistor (Ohm) S e n s i t i v i t y (d B) 85 90 95 100 105 110 115 120 125 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 Vrms S P L (d B) Center Frequency Shift vs ...

Air Ultrasonic Ceramic Transducers 400ST/R160 S. Square Enterprise Company Limited Pro-Wave Electronics Corporation Http://www.pro-wave.com.tw ; E-mail: sales@pro-

wave.com.tw ; Tel: 886-2-22465101 ; Fax: 886-2-22465105 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded Resistor SPL Variation vs. Driving Voltage -80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K ...

~~Air Ultrasonic Transd. 400ST/R100- how to connect?~~

CTDCO., formerly Ceramic Transducer Design Co., Ltd, is a leading manufacturer and supplier of piezoelectric transducer and ultrasonic sensor to domestic and international companies. Since its

establishment in 1990,it have pursued research and development the elements only in Taiwan. The first decade of CTDCO, we make the high quality and compact ultrasonic sensors. The second decade of CTDCO ...

~~Download Air Ultrasonic Ceramic Transducers 400st R160 ...~~

~~400ST160 Prowave, Transducer, Transmitter, Ultrasonic ...~~

~~Ultrasonic Air Transducers | APC International~~

Ultrasonic Transducers - Measurements and Horn

Design Ceramic chip for 20kHz ultrasonic welding transducer(HD) ~~How to use inexpensive transducers for ultrasonic measurement~~ Ultrasonic Vibration Performance for 35kHz 1000Watt 4 Ceramic Transducer

SESSION 2A. Ultrasonic Transducers for Operation in Air

Ultrasonic transducers of various frequencies【HD】 20khz ultrasonic transducer with booster(HD) Piezoelectric Ceramics - Beijing Ultrasonic Piezoelectric Ceramics | Piezoceramics - Beijing Ultrasonic Ultra Deep Clean with Sonics - Building a simple Ultrasound cleaner - how to make ultrasonic cleaner - basic cleaner for cheap ! how to make an ultrasonic parts cleaner

Ultrasonic Mist Maker || DIY or Buy Piezoelectric Generator

Ultrasonic horn - measuring vibration amplitude

Ultrasonic cleaning demonstrationUltrasonic Levitation Ultrasonic Signal Generator Circuit - Beijing Ultrasonic water atomizer humidifier 1.7Mhz ceramic piezo plate test 40kHz 500watt Piezoelectric Ultrasonic Welding Transducer Testing piezoelectric ceramics for cracks PA Tutorial - Ultrasonic Transducers - Construction, bandwidth and damping 15kHz and 20kHz ultrasonic welding transducer's ceramic chip(HD) Prestress control for power ultrasonic transducers and converters assembling - PiezoClamping Ultrasonic Beauty

Transducer Manufacturer \u0026 Supplier Piezo Vibration Ultrasonic Transducer Piezoelectric Ceramic Disc Ultrasonic Cleaning Transducers - Beijing Ultrasonic Air Ultrasonic Ceramic Transducers 400st Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 µbar per 10Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ µbar -65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R160 Dimensions

Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are available at Mouser Electronics and are suitable for continual wave driving, such as Doppler motion detector.

400ST/R160 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz

Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002µbar per 10 Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar-65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving ...

PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 ...

Air Ultrasonic Ceramic Transducers 400ST/R160 S. Square Enterprise Company Limited Pro-Wave Electronics Corporation Http://www.pro-wave.com.tw ; E-mail: sales@pro-wave.com.tw ; Tel: 886-2-22465101 ; Fax: 886-2-22465105 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded

Resistor SPL Variation vs. Driving Voltage -80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K ...

Air Ultrasonic Ceramic Transducers 400ST/R160 Impedance ...

Air Ultrasonic Ceramic Transducers 400ST/R100 Specification 400ST100 Transmitter 400SR100 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST100 2.5Khz 400SR100 3.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ µbar -70dB min. Capacitance

at 1Khz ±20% 1900 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R100 Dimensions

Air Ultrasonic Ceramic Transducers 400ST/R120 Specification 400ST120 Transmitter 400SR120 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST120 2.0Khz 400SR120 2.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002µbar per 10 Vrms at 30cm 115dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar -67dB min. Capacitance at 1Khz ± 20% 2400 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers

Pro-Wave Electronics 400ST/R100 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

400ST/R100 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Specification: 400ST160: Transmitter: 400SR160: Receiver: Center Frequency: 40.0±1.0KHz:

Bandwidth(-6dB) 2.0KHz (Tx), 2.5KHz(Rx)

400STR160 Spec - Pro-Wave

Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

400ST/R160 Air Ultrasonic Ceramic Transducers - Pro-Wave ...

Air Ultrasonic Ceramic Transducers 250ST/R160 Specification 250ST160 Transmitter 250SR160 Receiver Center Frequency 25.0±1.0KHz Bandwidth (-6dB) 2.0KHz Transmitting Sound Pressure Level at 25.0KHz; 0dB re 0.0002µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 25.0KHz 0dB = 1 volt/µbar-62dB min. Capacitance at 1KHz ±20% 250ST 3000 pF 250SR 2600 pF Max. Driving Voltage (cont ...

Air Ultrasonic Ceramic Transducers - Pro-Wave
Air Ultrasonic Ceramic Transducers 400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs. Loaded Resistor SPL Variation vs. Driving

Voltage-80-75-70-65-60-55-50-45-40 1K 3.9K 10K 39K 100K 390K Loaded Resistor (Ohm) S e n s i t i v i t y (d B) 85 90 95 100 105 110 115 120 125 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 Vrms S P L (d B) Center Frequency Shift vs ...

Air Ultrasonic Ceramic Transducers 400ST/R160
Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0±1.0KHz Bandwidth (-6dB) 400ST160 2.0KHz 400SR160 2.5KHz Transmitting Sound Pressure Level at 40.0KHz; 0dB re 0.0002 bar per 10Vrms at 30cm 120dB min. Receiving

Sensitivity at 40.0KHz 0dB = 1 volt/ bar-61dB min. Air Ultrasonic Ceramic Transducers 400ST/R160 Directivity of a ...

Air Ultrasonic Ceramic Transducers 400st R160 Impedance

> Air Ultrasonic Transd. 400ST/R100- how to connect? Print. Go Down. Pages: [1] Topic: Air Ultrasonic Transd. 400ST/R100- how to connect? (Read 4378 times) previous topic - next topic. wolpertinger Guest; Air Ultrasonic Transd. 400ST/R100- how to connect? Dec 29, 2010, 12:47 am Last Edit: Dec 29, 2010, 02:04 am by wolpertinger Reason: 1. hello all i would like to

experiment with ultrasound rx ...

Air Ultrasonic Transd. 400ST/R100- how to connect?
Ultrasonic Air Transducers Piezoelectric high frequency transducers generate, receive, or generate and receive ultrasonic signals that can be used to measure distances in air, water, or other fluid media, to determine flow rates, or for other applications. A single ultrasonic transducer can both generate and receive a signal, but the two functions often are separated to optimize the ...

Ultrasonic Air Transducers | APC International

Air Ultrasonic Ceramic Transducers 400ST/R160 2 of 2 400SR160 Receiver 400ST160 Transmitter Sensitivity Variation vs Loaded Resistor SPL Variation vs Driving Voltage-80-75-70-65-60-55-50-45 ... Air Ultrasonic Ceramic Transducers 400st R160 Impedance Kindle File Format Air Ultrasonic Ceramic Transducers 400st R160 Impedance air ultrasonic ceramic transducers 400st As recognized, adventure as ...

Download Air Ultrasonic Ceramic Transducers 400st R160 ...

The 400ST160 is a standard open type Transducer Transmitter consist of a piezoelectric ceramic disc

mounted at the node of its fundamental resonant frequency, a conical metal resonator bonded at the center of disc acting as a rigid piston.

400ST160 Prowave, Transducer, Transmitter, Ultrasonic ...

400ST160 Datasheet(PDF) 1 Page - List of Unclassifed Manufacturers: Part No. 400ST160: Description Air Ultrasonic Ceramic Transducers: Download 2 Pages: Scroll/Zoom: 100% : Maker: ETC [List of Unclassifed Manufacturers]

400ST160 datasheet(1/2 Pages) ETC | Air Ultrasonic

Ceramic ...

400ST-R120 Air Ultrasonic Ceramic Transducers . Tested under 1Vrms Oscillation Level 400SR120 Impedance 400SR120 Phase 400ST120 Impedance 400ST120 Phase. Specification. 400ST120 400SR120 Center Frequency Bandwidth 400ST120 400SR120 Transmitting Sound Pressure Level re 0.0002μbar

400ST-R120 datasheet - Air Ultrasonic Ceramic Transducers

CTDCO., formerly Ceramic Transducer Design Co., Ltd, is a leading manufacturer and supplier of piezoelectric transducer and ultrasonic sensor to domestic and

international companies. Since its establishment in 1990,it have pursued research and development the elements only in Taiwan. The first decade of CTDCO, we make the high quality and compact ultrasonic sensors. The second decade of CTDCO ...

Ceramic Transducer Design Co., Ltd-professional on ...
Title: T400S16 Author: Simon Tang Created Date: 1998ï¿½~11ï¿½ï¿½13ï¿½ï¿½ 09:32:31 AM

Air Ultrasonic Ceramic Transducers 400ST/R120 Specification 400ST120 Transmitter 400SR120

Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST120 2.0Khz 400SR120 2.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002µbar per 10 Vrms at 30cm 115dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/µbar -67dB min. Capacitance at 1Khz ± 20% 2400 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R160

Air Ultrasonic Ceramic Transducers 400ST/R160 Dimensions

Air Ultrasonic Ceramic Transducers 400ST/R160 Impedance ...

Title: T400S16 Author: Simon Tang Created Date: 1998 ï ¿ ½~11 ï ¿ ½ ï ¿ ½13 ï ¿ ½ ï ¿ ½ 09:32:31 AM

~~Air Ultrasonic Ceramic Transducers~~

Pro-Wave Electronics 400ST/R160 Air Ultrasonic Ceramic Transducers are suitable for continual wave driving, such as Doppler motion detector. A piezoelectric ceramic disc is mounted on the node of the fundamental resonant frequency and a conical metal resonator is bonded at the center of the disc that acts as a rigid piston.

> Air Ultrasonic Transd. 400ST/R100- how to connect? Print. Go Down. Pages: [1] Topic: Air Ultrasonic Transd. 400ST/R100- how to connect? (Read 4378 times)

previous topic - next topic. wolpertinger Guest; Air Ultrasonic Transd. 400ST/R100- how to connect? Dec 29, 2010, 12:47 am Last Edit: Dec 29, 2010, 02:04 am by wolpertinger Reason: 1. hello all i would like to experiment with ultrasound rx ...
PROWAVE Air Ultrasonic Ceramic Transducers 400ST/R160 ...

Air Ultrasonic Ceramic Transducers 250ST/R160 Specification 250ST160 Transmitter 250SR160 Receiver Center Frequency 25.0±1.0KHz Bandwidth (-6dB)

2.0KHz Transmitting Sound Pressure Level at 25.0KHz; 0dB re 0.0002µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 25.0KHz 0dB = 1 volt/µbar-62dB min. Capacitance at 1KHz ±20% 250ST 3000 pF 250SR 2600 pF Max. Driving Voltage (cont ...

~~Air Ultrasonic Ceramic Transducers 400st R160 Impedance~~

Air Ultrasonic Ceramic Transducers 400ST/R100 Specification 400ST100 Transmitter 400SR100 Receiver Center

Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST100 2.5Khz 400SR100 3.0Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 µbar per 10Vrms at 30cm 112dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ µbar -70dB min. Capacitance at 1Khz ±20% 1900 pF Max. Driving Voltage ...

Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center

Frequency 40.0±1.0KHz Bandwidth (-6dB) 400ST160 2.0KHz 400SR160 2.5KHz Transmitting Sound Pressure Level at 40.0KHz; 0dB re 0.0002 bar per 10Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0KHz 0dB = 1 volt/ bar-61dB min. Air Ultrasonic Ceramic Transducers 400ST/R160 Directivity of a ...

The 400ST160 is a standard open type Transducer Transmitter consist of a piezoelectric ceramic disc mounted at the node of

its fundamental resonant frequency, a conical metal resonator bonded at the center of disc acting as a rigid piston.
Air Ultrasonic Ceramic Transducers 400ST/R160 Specification 400ST160 Transmitter 400SR160 Receiver Center Frequency 40.0 ±1.0Khz Bandwidth (-6dB) 400ST160 2.0Khz 400SR160 2.5Khz Transmitting Sound Pressure Level at 40.0Khz; 0dB re 0.0002 μbar per 10Vrms at 30cm 120dB min. Receiving Sensitivity at 40.0Khz 0dB = 1 volt/ μbar -65dB min. Capacitance at 1Khz ±20% 2400 pF Max. Driving Voltage ...