Air Ultrasonic Ceramic Transducers

400EP250

Specification

400EP250 Transceiver

Center Frequency: 40.0±1.0KHz

Bandwidth (-6dB): 2.0KHz(FOM)

Transmitting Sound Pressure Level: 110dB min.

Receiving Sensitivity: -72dB min.

Capacitance at 1Khz: ±20%

Max. Driving Voltage: 100 Vp-p

Total Beam Angle(-6dB): 30° typical

Operation Temperature: -30 to 70°C

Storage Temperature: -40 to 80°C

Dimensions: dimensions are in mm

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

All specification taken typical at 25°C;
Closer frequency tolerance, shorter ringing, wider bandwidth and temperature compensated models can be supplied upon request.

Model available:

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<td>400EP250 Aluminum Housing</td>
</tr>
<tr>
<td>2</td>
<td>400EP25B Black Al. Housing</td>
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</table>

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