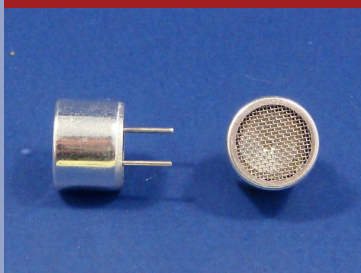


# Ultrasonic Air Transducers

## #10-3005



40kHz 9.7mm  
Open Al Transceiver

### FEATURES

- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Matched Pairs Available
- Fast Delivery

### APPLICATIONS

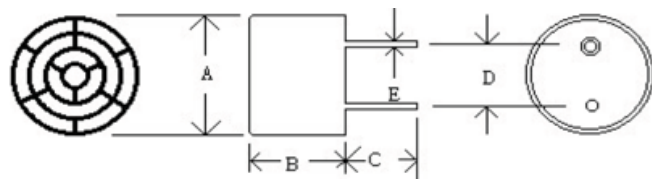
- Proximity Sensors
- Object Detectors
- Level Sensors
- Motion Detectors
- Pest Deterrents

### TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6dB)	2.0 kHz
Transmitting Sound Pressure Level at 40kHz*	> 110 dB
Receiving Sensitivity at 40kHz**	> -68 dB min.
Impedance (0hm)	< 2,000
Nominal Capacitance at 1 kHz	1,600 pF ±30%
Max. Driving Voltage	10 Vrms
Total Beam Angle -6dB	85 degrees
Operation Temperature	-40 to 85 C
Housing	Aluminum
RoHS	RoHS Compliant
Outer Diameter (A)	9.7 ±0.2 mm
Housing Length (B)	6.8 ±0.4 mm
Pin Length (C)	9.5 ±0.8 mm
Pin Spacing (D)	5.0 ±0.5 mm
Pin Diameter (E)	0.5 ±0.1 mm

\*0dB re 0.0002 ubar (10Vrms at 30 cm)

\*\*0dB = 1 volt/ubar



Rev. 8/20/14