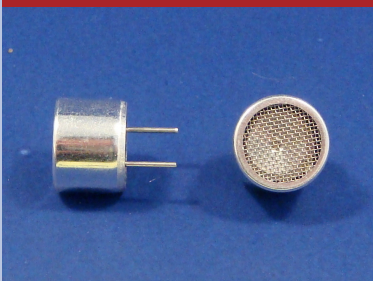




Ultrasonic Air Transducers

#10-1041



40kHz-10mm
Receiver

FEATURES

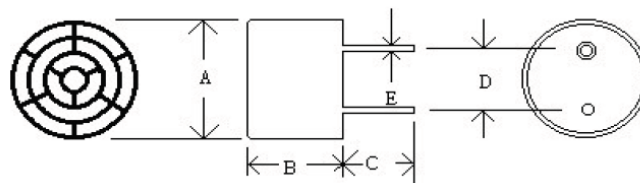
- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Matched Pairs Available
- Fast Delivery

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
Receiving Sensitivity at 40.00kHz; *	> -69dB min.
Impedance (Ohm)	< 2,000
Nominal Capacitance at 1kHz	2,000 pF
Max. Driving Voltage	20 Vrms
Total Beam Angle -6dB	80 degrees
Operation Temperature	-30 to 80 C
Housing	Aluminum w/ Wire Mesh
RoHS	RoHS Compliant
Outer Diameter (A)	9.8 ±0.2 mm
Housing Length (B)	6.8 ±0.4 mm
Pin Length (C)	6.9±0.8mm
Pin Spacing (D)	5.0±0.5 mm
Pin Diameter (E)	0.7 ±0.1 mm



* 0dB= 1 volt/ubar