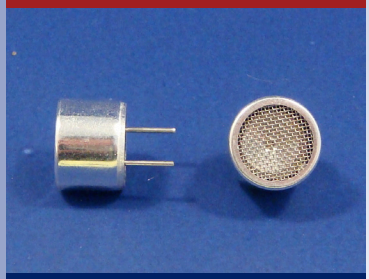
Ultrasonic Air Transducers

#10-1036



40kHz 10.0mm
Open Al Transmitter

FEATURES

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

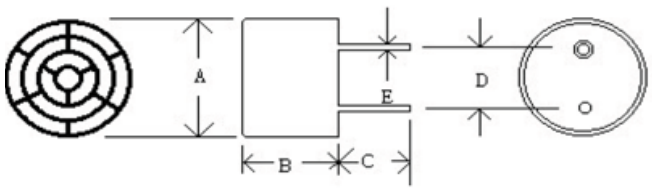
APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6dB)	4.0 kHz
Transmitting Sound Pressure Level at 40kHz*	> 112 dB
Impedance (0hm)	< 2,000
Nominal Capacitance at 1 kHz	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 ±0.8 mm
Pin Spacing (D)	5.0 ±0.5 mm
Pin Diameter (E)	0.7 ±0.1 mm

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



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