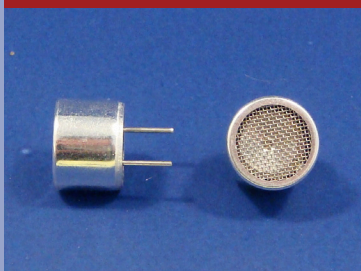


Ultrasonic Air Transducers

#10-1101



40kHz 16.0mm
Open AI Receiver

FEATURES

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

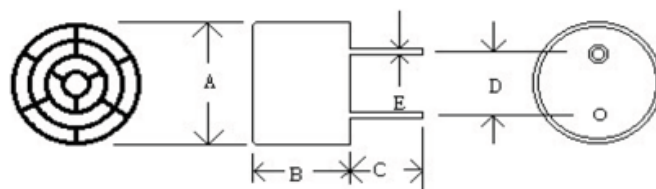
APPLICATIONS

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

TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6dB)	3.5 kHz
Receiving Sensitivity at 40kHz*	> -65 dB
Impedance (0hm)	< 2,000
Nominal Capacitance at 1 kHz	2,000 pF
Max. Driving Voltage	30 Vrms
Total Beam Angle -6dB	55 degrees
Operation Temperature	-30 to 80 C
Housing	Aluminum w/ Wire Mesh
RoHS	RoHS Compliant
Outer Diameter (A)	16.1 ±0.3 mm
Housing Length (B)	12.0 ±0.4 mm
Pin Length (C)	9.5 ±1.0 mm
Pin Spacing (D)	10.0 ±0.5 mm
Pin Diameter (E)	1.0 ±0.1 mm

*0dB = 1 volt/ubar



Rev. 8/20/14