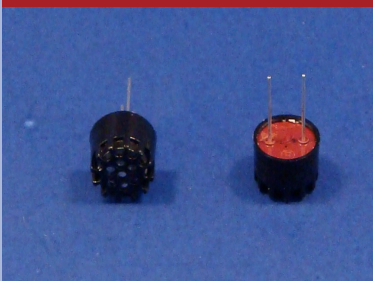




# Ultrasonic Air Transducers

## #10-3111



40kHz 9.7mm  
Open Plastic  
Transmitter

### FEATURES

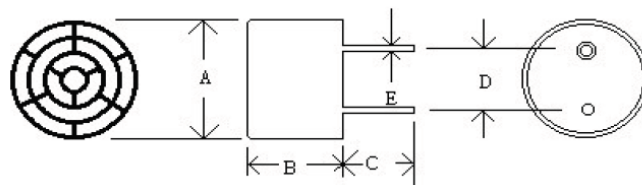
- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Matched Pairs Available
- Fast Delivery

### APPLICATIONS

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

### TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6db)	2.5 kHz
Transmitting Sound Pressure Level at 40.00kHz *	>112 dB
Impedance (Ohm)	< 2,000
Nominal Capacitance at 1kHz	1900 pF
Max. Driving Voltage	10 Vrms
Total Beam Angle -6dB	72 degrees
Operation / Storage Temperature	-30 to 70 C / -40 to 80 C
Housing	Plastic with Flower Face
RoHS	RoHS Compliant
Outer Diameter (A)	9.75 ±0.25 mm
Housing Length (B)	6.8 ±0.5 mm
Pin Length (C)	9.4 ±1.0 mm
Pin Spacing (D)	5.0±1.0 mm
Pin Diameter (E)	0.5±0.2 mm



\*0dB= 1 volt/ubar  
(10 Vrms at 30cm)

Rev. 4/6/22