

Ultrasonic Air Transducers

#10-3136



40kHz 18.1mm
Enviro Transceiver

FEATURES

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

APPLICATIONS

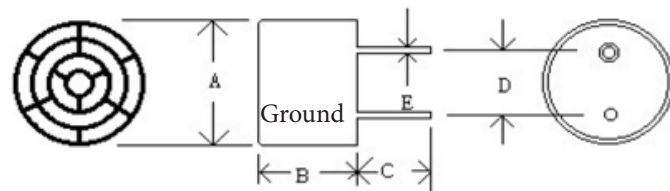
- Proximity Sensors
- Object Detectors
- Level Sensors
- Motion Detectors
- Pest Deterrents

TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6dB)	2.0 kHz
Transmitting Sound Pressure Level at 40kHz*	> 108 dB
Receiving Sensitivity at 40kHz**	> -75 dB min.
Impedance (0hm)	< 1,000
Nominal Capacitance at 1 kHz	2,600 pF ±30%
Max. Driving Voltage	20 Vrms
Total Beam Angle -6dB	85 degrees
Operation Temperature	-30 to 70 C
Housing	Environmental Aluminum
RoHS	RoHS Compliant
Outer Diameter (A)	18.1 ±0.3 mm
Housing Length (B)	12.1 ±0.3 mm
Pin Length (C) (Note: unequal length)	11.3 ±1.0 mm & 8.3 ±1.0mm (ground)
Pin Spacing (D)	10.0 Nominal
Pin Diameter (E)	0.8 ±0.1 mm

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

**0dB = 1 volt/ubar



Rev. 7/8/20