

#10-3136



40kHz 18.1mm
Enviro Transceiver

FEATURES

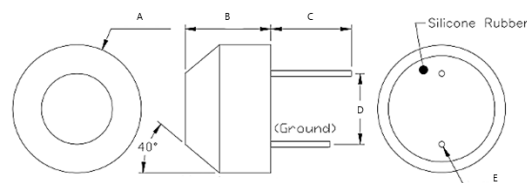
- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Matched Pairs Available
- Fast Delivery

APPLICATIONS

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

TECHNICAL SPECIFICATIONS

| | |
|--|---------------------------|
| Center Frequency | 40.0 ±1.0 kHz |
| Bandwidth (-6db) | 1.5 kHz |
| Transmitting Sound Pressure Level at 40kHz * | >108 dB |
| Receiving Sensitivity at 40kHz ** | >-75 dB min |
| Impedance (Ohm) | < 1,000 |
| Nominal Capacitance at 1kHz | 2,600 pF |
| Max. Driving Voltage (Burst 20 cycles) | 20 Vrms (100Vpp Rep 25ms) |
| Total Beam Angle -6dB | 85 degrees |
| Operation / Storage Temperature | -30 to 70 C / -40 to 80 C |
| Housing | Environmental Aluminum |
| RoHS | RoHS Compliant |
| Outer Diameter (A) | 18.1 ±0.4 mm |
| Housing Length (B) | 12.1±0.5 mm |
| Pin Length (C) | 11.2±1.5 mm |
| Ground Length | 8.3±1.5 mm |
| Pin Spacing (D) | 10.0 Nominal |
| Pin Diameter (E) | 0.78 ±0.2 mm |



* 0dB re 0.0002ubar (10Vrms at 30cm)
** 0dB= 1 volt/ubar

Rev. 4/27/22