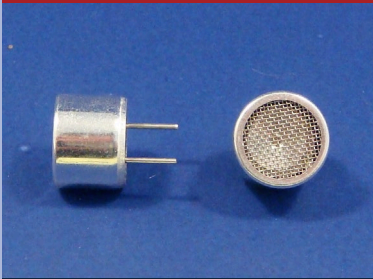


#10-3005



40kHz 9.7mm
Open Al Transceiver

FEATURES

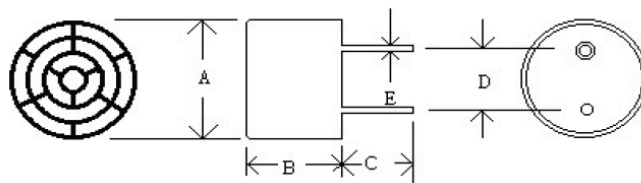
- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Matched Pairs Available
- Fast Delivery

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 40.00kHz * | >110 dB |
| Receiving Sensitivity at 40.00kHz ** | >68 dB min. |
| Impedance (Ohm) | < 2,000 |
| Nominal Capacitance at 1kHz | 1,600 pF |
| Max. Driving Voltage | 10 Vrms |
| Total Beam Angle -6dB | 72 degrees |
| Operation / Storage Temperature | -30 to 70 C / -40 to 80 C |
| Housing | Aluminum |
| RoHS | RoHS Compliant |
| Outer Diameter (A) | 9.7 ±0.25 mm |
| Housing Length (B) | 6.8±0.5 mm |
| Pin Length (C) | 9.5±1.0 mm |
| Pin Spacing (D) | 5.0 ±1.0 mm |
| Pin Diameter (E) | 0.5 ±0.2 mm |



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

Rev. 5/19/22