

Ultrasonic Air Transducers

#10-3310



300kHz 9.8mm
Open Plastic Transceiver

FEATURES

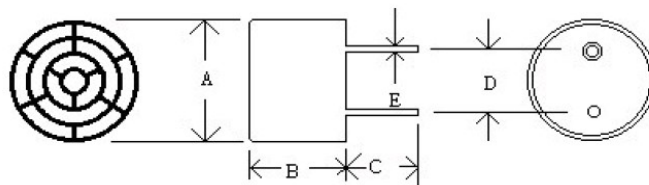
- High Sensitivity
- Excellent Sound Pressure
- Competitive Pricing
- Close Sensing

APPLICATIONS

- Shift Distance Measurement
- Small Level Sensing
- Object Detection
- High Freq. Transmitter/Receiver

TECHNICAL SPECIFICATIONS

Nominal Frequency	300 kHz
Overall Echo Sensitivity: Driving Freq.: 300kHz	> 1.5mVp-p (min.)
Driving Voltage	10Vp-p, Square Wave
Tone Burst	5 Cycles
Repetition Rate	10ms
Reflector	Aluminum @ 10cm
Impedance (ohms)	<500
Nominal Capacitance	1,500 pF
Max. Driving Voltage @ 50Vp-p	5 Cycle Tone Burst
Max. Driving Voltage @ 12Vp-p	Continuous Square Wave
Total Beam Angle (-6dB)	12°
Operation Temperature	-20°C to 70° C
Outer Diameter (A)	9.8mm ±0.1mm
Housing Length (B)	7.3mm ±0.2mm
Pin Length (C)	8.7mm ±0.4mm
Pin Spacing (D)	5.0mm
Pin Diameter (E)	0.5mm



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