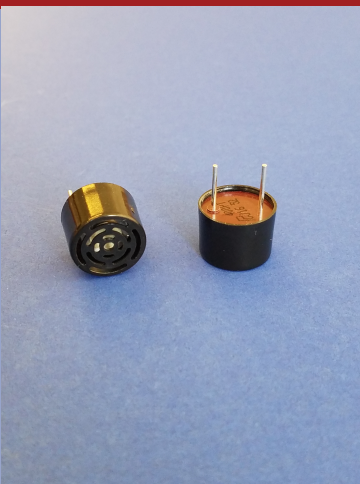


Ultrasonic Air Transducers

#10-3170



400PT16P

FEATURES

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

APPLICATIONS

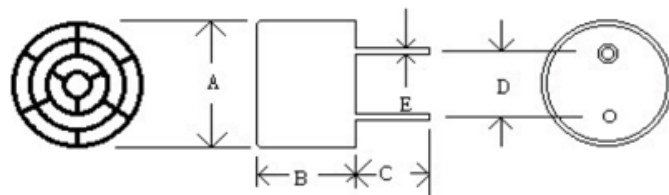
- Proximity Sensors
- Object Detectors
- Level Sensors
- Motion Detectors
- Pest Deterrents

TECHNICAL SPECIFICATIONS

Center Frequency	40.0 ±1.0 kHz
Bandwidth (-6dB)	2.0 kHz
Transmitting Sound Pressure Level at 40kHz*	> 117 dB
Receiving Sensitivity at 40kHz**	> -65 dB min.
Impedance (0hm)	< 1,000
Nominal Capacitance at 1 kHz	2,400 pF ±20%
Max. Driving Voltage	100V peak-peak
Total Beam Angle -6dB	40° typical
Operation Temperature	-30 to 70 C
Housing	Pulse Echo Plastic
RoHS	RoHS Compliant
Outer Diameter (A)	16.4 ±0.2 mm
Housing Length (B)	12.20 ±0.2 mm
Pin Length (C)	9.45 ±0.2 mm
Pin Spacing (D)	10.0 ±0.5 mm
Pin Diameter (E)	.98mm ±0.1 mm

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

**0dB = 1 volt/ubar



Rev. 8/20/14