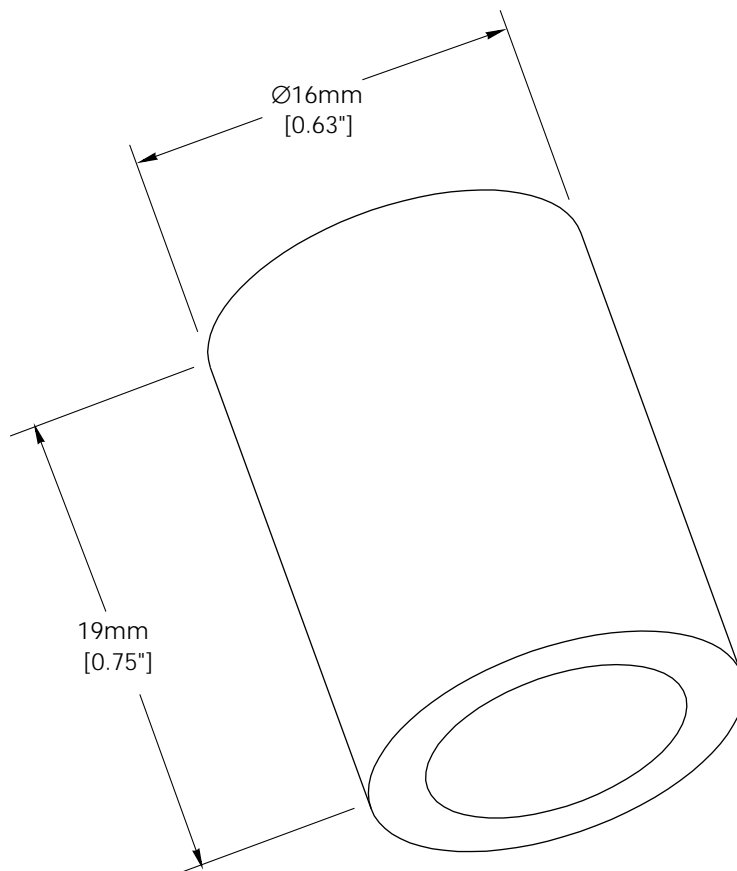


AT200 200kHz

Features:

- Rugged sealed construction
- Cylindrical design allows for installation in various applications



Applications:

- Level measurement
- Automation control
- Proximity
- Obstacle avoidance
- Robotics

Specifications

Best Operating Frequency: 200kHz +/- 4%

Min. Transmit Sensitivity: 105dB re 1μPa/V at 1m
at best transmit frequency

Min. Receive Sensitivity: -174 dB re 1V/μPa
at best receive frequency

Min. Parallel Resistance: 180Ω +/- 30%

Minimum sensor range: 10cm*

Maximum sensor range: 3m*

Free (1kHz) Capacitance: 500pF +/- 100pF

Beamwidth (-3dB full angle): 14° +/- 2°

Maximum Driving Voltage: 500Vpp
(2% duty cycle tone burst)

Operating Temperature: -40°C to 90°C

Weight: 6g

Materials:

Housing: Glass filled polyester

Acoustic Window: Glass reinforced epoxy

All specifications typical at 22°C and subject
to change without notice.

* Pulse-Echo Mode
Actual range may vary, depending on drive
circuitry and signal processing

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