



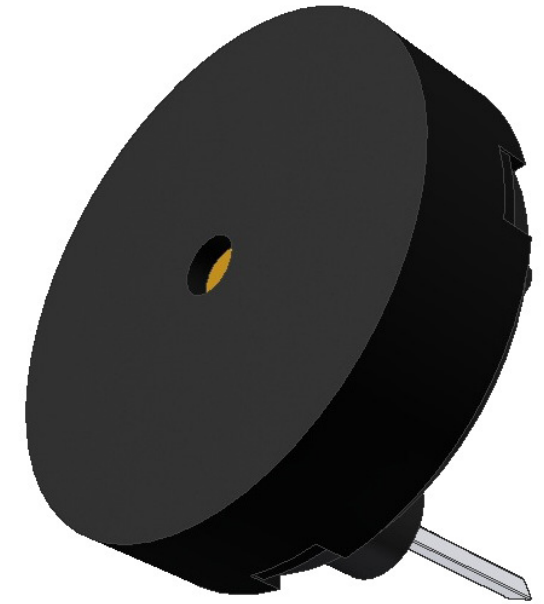
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a projects unlimited company

## AT-1740-TT-3-R 17mm Transducer

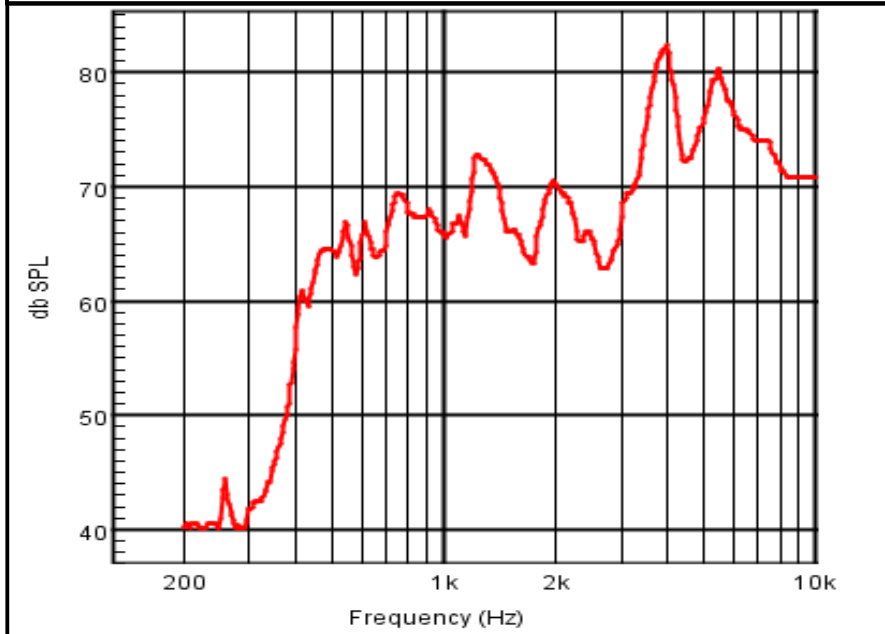
3541 Stop Eight Road • Dayton, Ohio 45414

### Product Overview

- 17mm diameter piezoelectric transducer with ultra-low 1 mA current draw
- 78 dBA minimum output (3Vp-p @ 10 cm) and 4 kHz resonant frequency
- MPPO housing for durability
- Designed to be hand-soldered



Frequency Response (3 Vp-p @ 0.1 meters)



RoHS Compliant





# AT-1740-TT-3-R 17mm Transducer

Mechanical and Environment Testing	
Test Description	Test Condition
High Temperature	80°C ( $\pm 2^\circ\text{C}$ ) with random humidity for 96 hours
Low Temperature	-30°C ( $\pm 2^\circ\text{C}$ ) with random humidity for 96 hours
Humidity	40°C ( $\pm 2^\circ\text{C}$ ) with 90% to 95% relative humidity for 96 hours
Vibration	0.75 mm movement modulated at 10-55 Hz for 2 hours
Drop Test	100 cm free fall onto 40 mm wood board, 3 axis, 2 cycles per axis
Temperature Cycle Test	-30°C to 80°C, 100 cycles

After tests, part shall rest for 2 hours. Parts are then tested for clean, pure tones.

