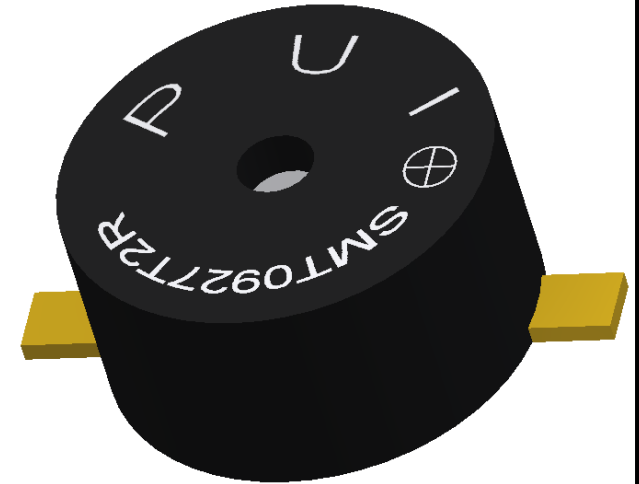


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SMT-0927-T-2-R 9mm Transducer

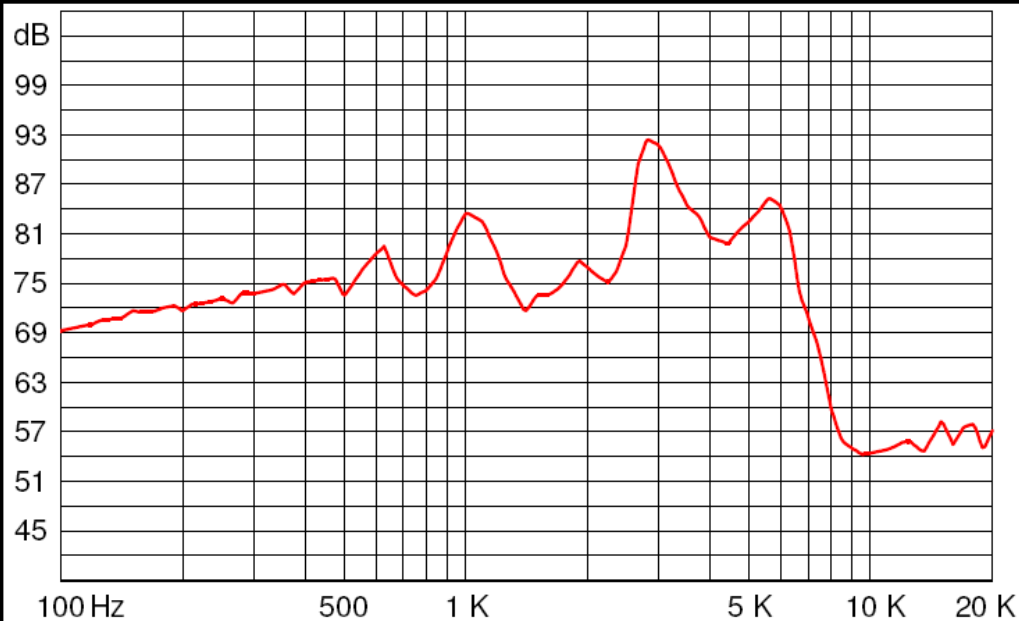


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Product Overview

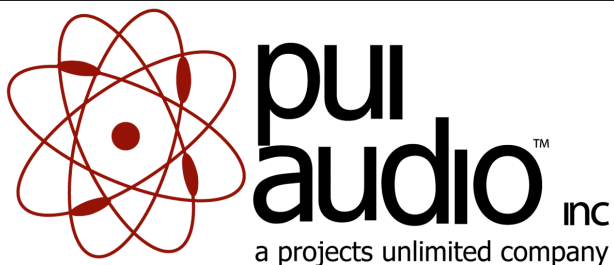
- Top-firing electromechanical transducer designed for 2 to 4 Vp-p
- Small 9mm diameter footprint and 4.5mm height for thin, modern devices
- 85 dBA minimum output (3Vp-p @ 10 cm) and 2,730 Hz resonant frequency
- Designed for reflow soldering using a lead-free profile

Frequency Response (3 Vp-p @ 0.1 meters)



RoHS Compliant





SMT-0927-T-2-R

9mm Transducer

Mechanical and Environment Testing	
Test Description	Test Condition
High Temperature	80°C (±2°C) with random humidity for 96 hours
Low Temperature	-40°C (±2°C) with random humidity for 96 hours
Humidity	25°C to 55°C with 90% to 95% relative humidity for 12 hours, 10 cycles
Vibration	1.53 mm movement modulated at 10-55 Hz in 3 directions for 6 hours
Drop Test	120 cm free fall in six directions, 3 cycles
Temperature Cycle Test	-30°C to 70°C, five 90 minute cycles

After testing, part shall rest for two hours and then be tested for a clean, pure tone.

