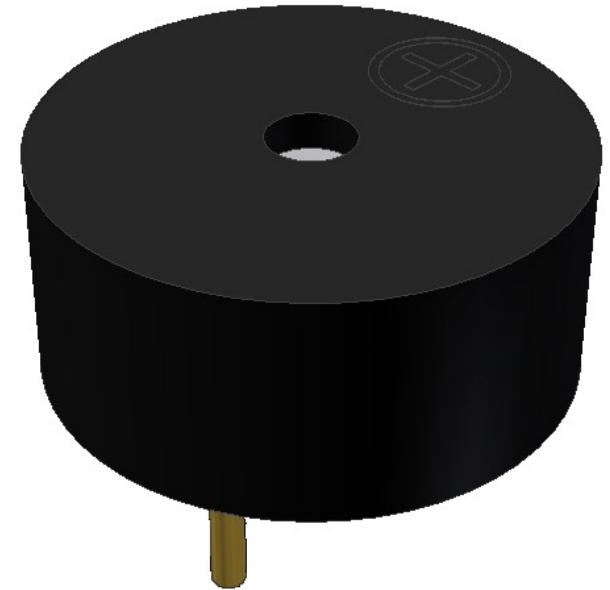




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## AT-0927-TT-2-R 9mm Transducer

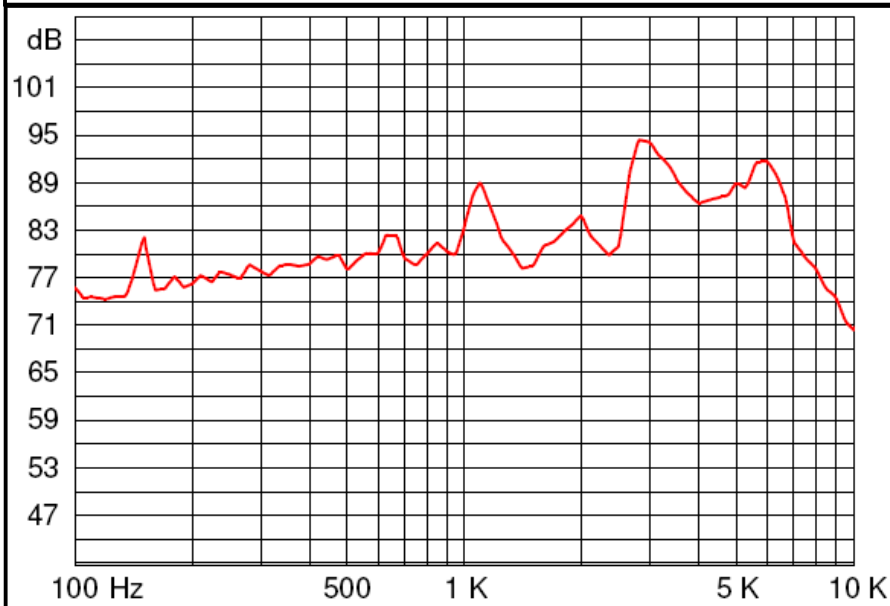


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### Product Overview

- Small 9mm diameter electro-mechanical transducer
- 86 dBA minimum output (3 Vp-p @ 10 cm) and 2,730 kHz resonant frequency
- PBT housing withstands Wave soldering temperatures
- Through-hole design for quick PCB placement

Frequency Response (3 Vp-p @ 0.1 meters)



RoHS COMPLIANT BY DESIGN



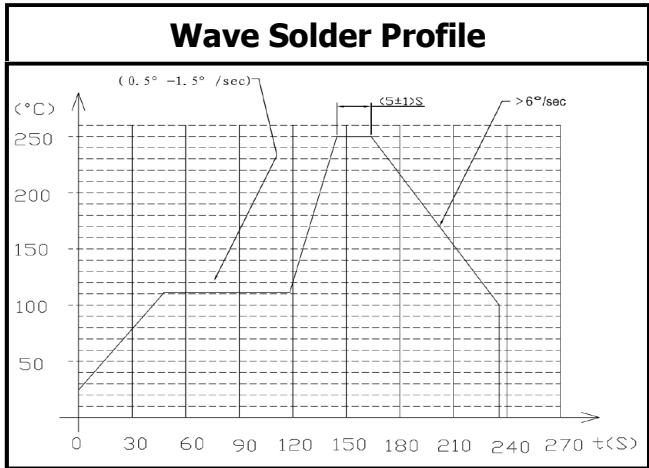


# AT-0927-TT-2-R 9mm Transducer

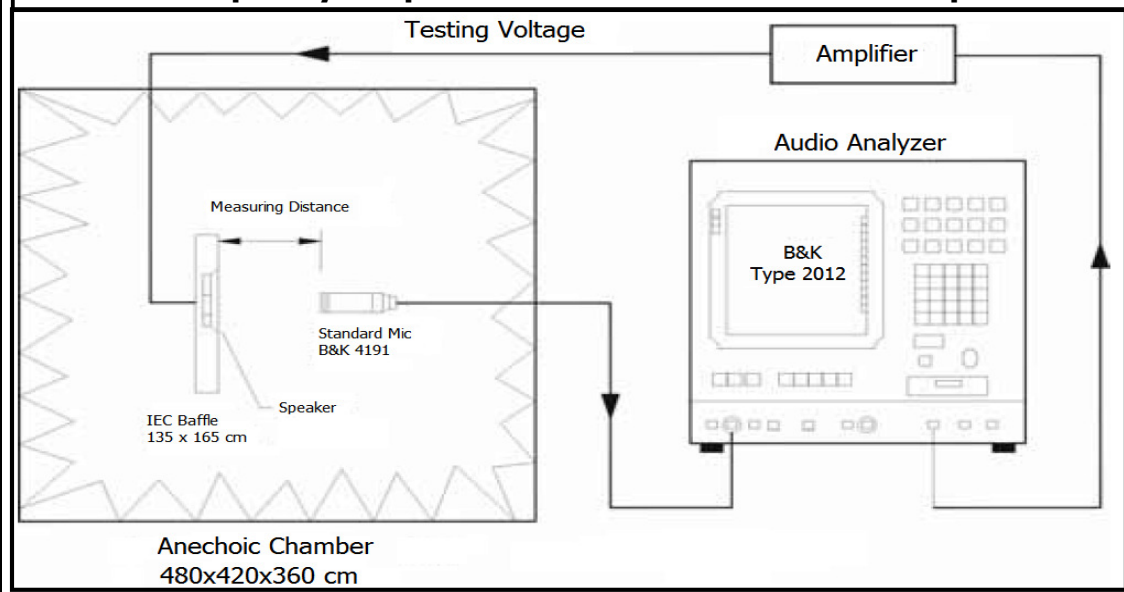
## Mechanical and Environment Testing

Test Description	Test Condition
High Temperature	80°C (±2°C) with random humidity for 96 hours
Low Temperature	-30°C (±2°C) with random humidity for 96 hours
Humidity	25°C to 80°C with 90% to 95% relative humidity for 24 hours
Vibration	1.5 mm movement modulated at 10-55 Hz, 3 axis, for 2 hours
Drop Test	75 cm free fall onto 40 mm wood board, 3 axis, 3 cycles per axis
Temperature Cycle Test	-30°C to 80°C, 100 cycles

After tests, part shall rest for 4 hours. SPL shall be within ±10 dB of original measurement.



## Frequency Response and SPL Measurement Setup



## Temperature Cycle Test Graph

