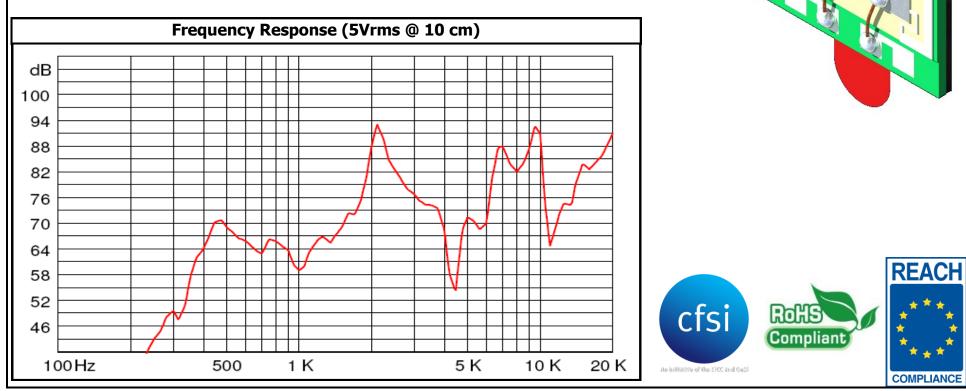


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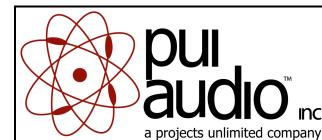
Product Overview

- 48mm diameter speaker built using a piezo ceramic for minimum current draw
- Designed to work with TTL or CMOS signals as high as 30Vp-p
- Only 2.2 mm thick for slim devices that need high output
- Convenient 100mm leads for quick connection



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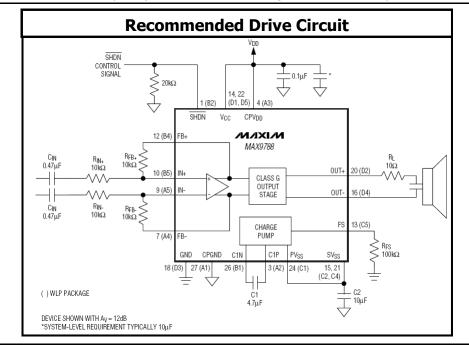
APS2509S-T-R Piezo Speaker



APS2509S-T-R Piezo Speaker

Mechanical and Environment TestingTest DescriptionTest ConditionHigh Temperature85°C with random humidity for 240 hoursLow Temperature-30°C with random humidity for 240 hoursHumidity60°C with 90% to 95% relative humidity for 240 hoursVibration1.5 mm movement modulated at 10 to 55 Hz for 2 hoursDrop Test150 cm free fall while in 150g jig, 3 cycles per sideTemperature Cycle Test-30°C for 30 minutes to 85°C for 30 minutes, 20 cycles

After 4 hours at rest, resonant frequency shall be $\pm 10\%$ of original value with capacitance $\pm 20\%$ of original value.



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