

APS3008S-R Piezo Speaker

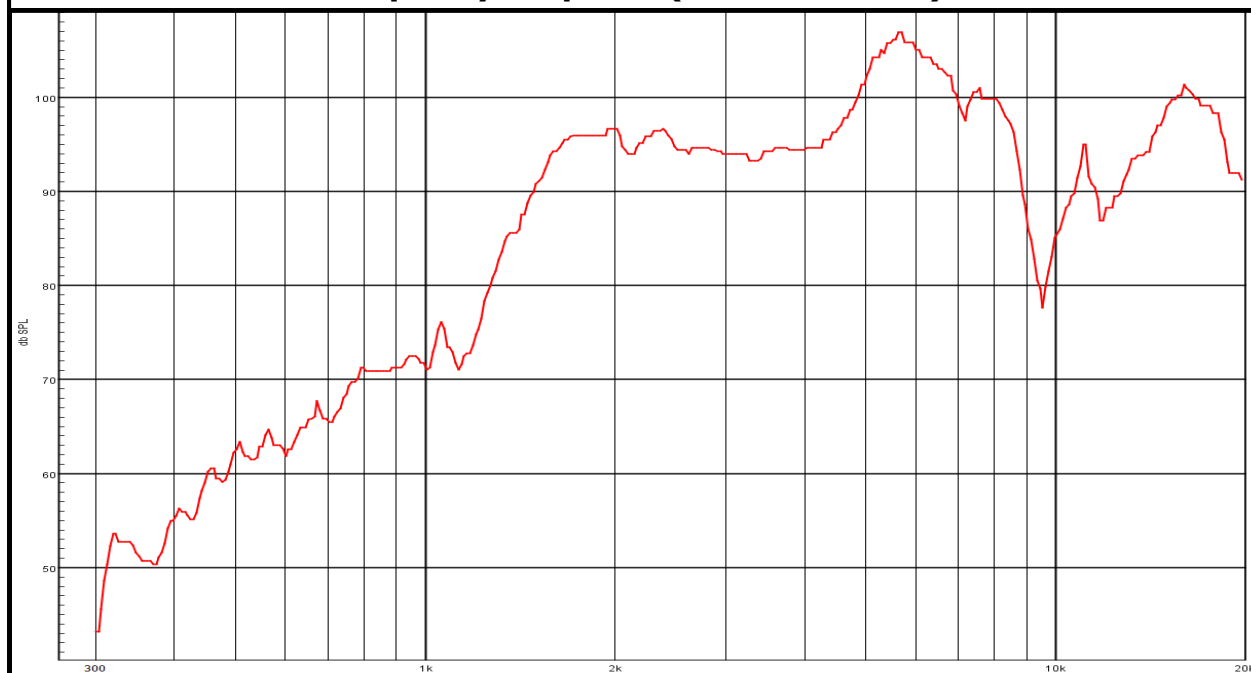
3541 Stop Eight Road • Dayton, Ohio 45414

Product Overview

- 30 x 20 mm speaker built using a piezo ceramic for minimum current draw
- Designed to work with signals as high as 16Vp-p
- Only 2 mm thick for slim devices that need high output
- Protective stainless steel housing and grill

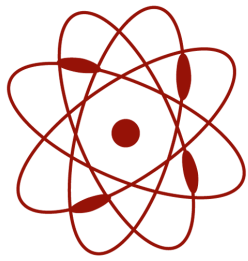


Frequency Response (5Vrms @ 10 cm)



An Initiative of the EIC and GeS





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Mechanical and Environment Testing

Test Description	Test Condition
High Temperature	85°C with random humidity for 240 hours
Low Temperature	-30°C with random humidity for 240 hours
Humidity	60°C with 90% to 95% relative humidity for 240 hours
Vibration	1.5 mm movement modulated at 10 to 55 Hz for 2 hours
Drop Test	150 cm free fall while in 150g jig, 3 cycles per side
Temperature 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.

Recommended Drive Circuit

