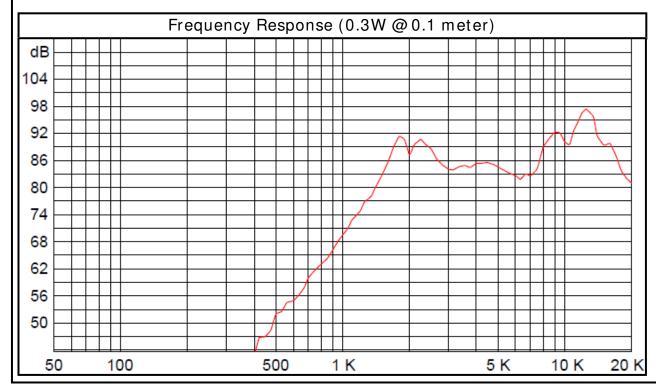


## AST-01508MR-R 15mm Speaker

3541 Stop Eight Road • Dayton, Ohio 45414

## **Product Overview**

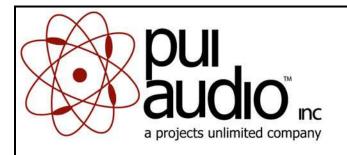
- 15mm diameter speaker with Neodymium magnet for 87 dB sensitivity
- 0.3W continuous, 0.5W maximum power handling and  $8\Omega$  impedance
- Mylar cone for wide frequency response
- Thru hole design and wave solderable for PCB mount





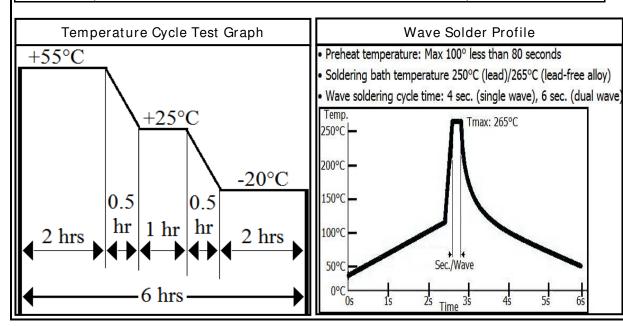


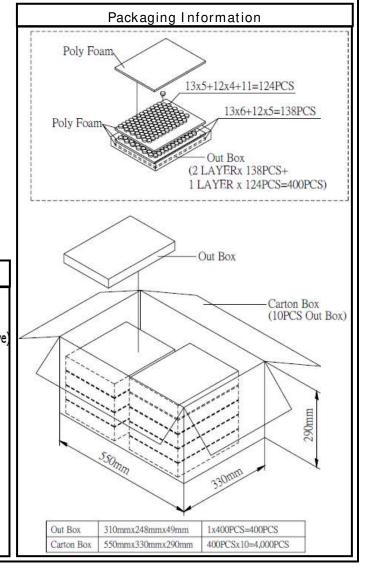




## AST-01508MR-R 15mm Speaker

Mechanical and Environment Testing	
Test Description	Test Condition
High Temperature	55°C with random humidity for 96 hours
Low Temperature	-20°C with random humidity for 96 hours
Humidity	40°C with 90% to 95% relative humidity for 96 hours
Vibration	1.5 mm movement modulated at 10 to 55 Hz for 2 hours
Drop Test	75 cm free fall onto 40 mm thick board, 10 cycles
Temperature Cycle Test	-20°C to 55°C, 5 cycles (refer to Temperature Cycle Test Graph)
After tests, speaker shall rest for 1 hours. SPL shall not deviate ±3 dB from pre-test measurement.	





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