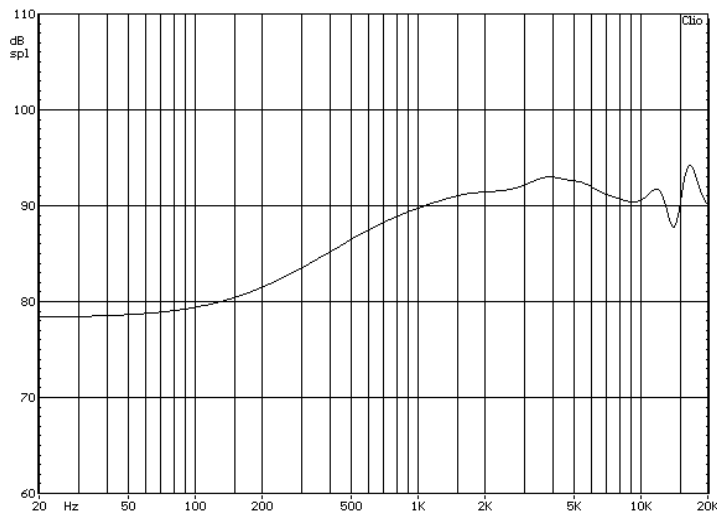



Parameter	Specification	Remarks
1. Dimensions	φ53.5mm	Outside Dimension of Radiating Plane
2. Impedance	8Ω ±15%	@1kHz/1.0V _{RMS}
3. Continuous/Peak Power Input	2.0W / 4.0W	
4. Lowest Resonant Frequency, F ₀	180±20%Hz	Constant Voltage (1.0V _{RMS})
5. SPL	89±3 dB	Measured at 1W/0.5m @ 1.0 kHz in IEC 268-5 baffle
6. Effective Frequency Range	F ₀ to 12kHz	
7. Q _{TS}	1.5±0.5	Constant Voltage (1.0V _{RMS})
8. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
9. Magnet	φ19.5x 5mm/φ19.5x 3mm	Nd-Fe-B (φD x h)
10. THD	Max. 3%	250 Hz-3.6 kHz @ 2.83 V

TESTS

1. Extraneous Noise	4V _{RMS} from F ₀ to 12 kHz	No Buzzes or Rattles shall occur
2. Max. Input Power	1kHz Sine wave of 4.0W applied for 1 min.	All parameters must remain within specified limits
3. Drop Test	Speaker mounted in box dropped 18x from a height of 1m to a 5mm thick board	
4. Load Test	White Noise (2.0W) applied for 96h	Must meet items 5 – 6 after test
5. High Temperature Test	+70±3°C, 50%RH for 96h with 1h rest at room temperature	
6. Humidity Test	+40±3°C, 90%RH for 96h with 1h rest at room temperature	

Typical Frequency Response



 Stetron International Inc.		Loudspeaker Specification 53.5mm/8Ω, Nd-Fe-B Magnet Rubber Surround, Polypropylene cone, RoHS compliant	
SIZE	DRAWN BY	PART No.	
A		D0055008NX25BAR	
SCALE	N/A	DATE	SHEET
		14-Apr-08	1 of 1
REV	0.2	DWG No. / FILE	
		DB07-064	