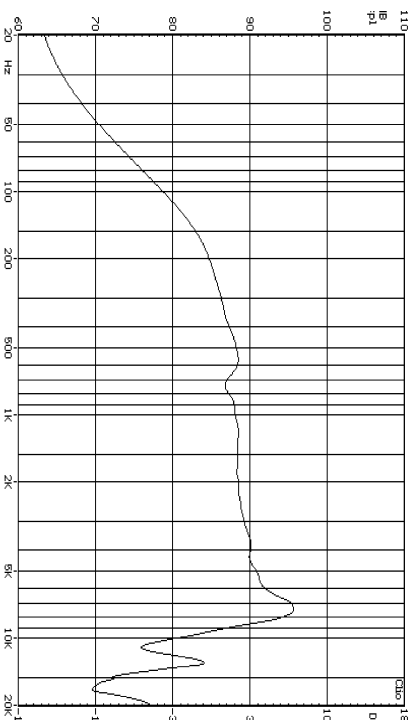



Typical Frequency Response



Parameter	Specification	Remarks
1. Dimensions	φ53.5mm	Outside Dimension of Radiating Plane
2. DC Resistance, R _e	4.0 ±15%	
3. Impedance	4Ω ±15%	@1KHz/1.0V _{RMS}
4. Continuous/Peak Power Input	2.0W / 3.0W	
5. Lowest Resonant Frequency, F ₀	180±20%Hz	Constant Voltage (1.0V _{RMS})
6. Sensitivity	89±2 dB	Measured at 1W/0.5m @ 1.0 KHz
7. Effective Frequency Range	F ₀ to 10KHz	
8. Q _{TS}	1.5±0.5	Constant Voltage (1.0V _{RMS})
9. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
10. Magnet	φ24 x 4mm Max. 2%	Nd-Fe-B (φD x h)
11. THD	Max. 2%	250 Hz-3.600 KHz @ 2.83 V
12. Vas	Max. 0.2 L	
13. Weight		
TESTS		
1. Extraneous Noise	2.83V _{RMS} from F ₀ to 5KHz	No Buzzes or Rattles shall occur
2. Max. Input Power	1KHz Sine wave of 3.0W applied for 1 min.	
3. Drop Test	Speaker mounted in box dropped 18x from a height of 1m to a 5mm thick board	All parameters must remain within specified limits
4. Load Test	White Noise (2.0W) applied for 96h	
5. High Temperature Test	+70±3°C, 50%RH for 96h with 1h rest at room temperature	Must meet items 5 – 9 after test
6. Humidity Test	+40±3°C, 90%RH for 96h with 1h rest at room temperature	

 Stetron International Inc.	Loudspeaker Specification	
	53.5mm/4Ω Nd-Fe-B Magnet Rubber Surround, Polypropylene cone, RoHS compliant	

SIZE	DRAWN BY	PART No.
A		D0055004NX025AR

SCALE	DATE	SHEET
N/A	31-MAY-07	1 of 1

REV	DWG No. / FILE
0.2	DB06-045