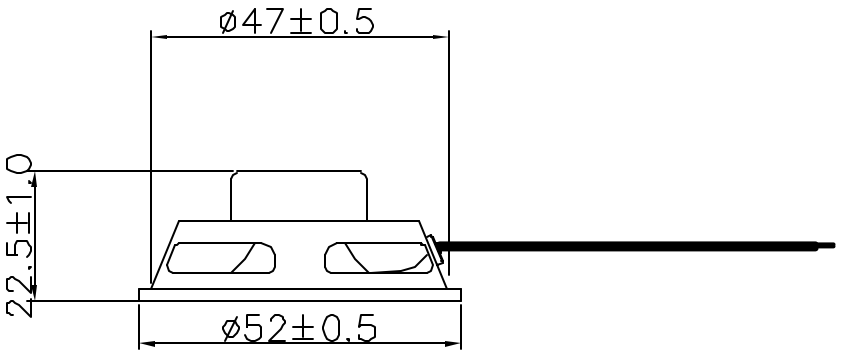
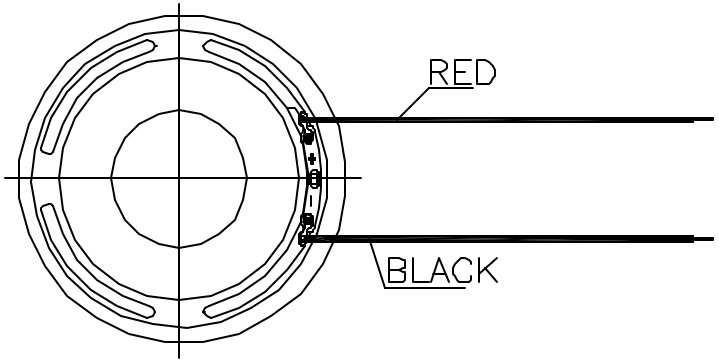
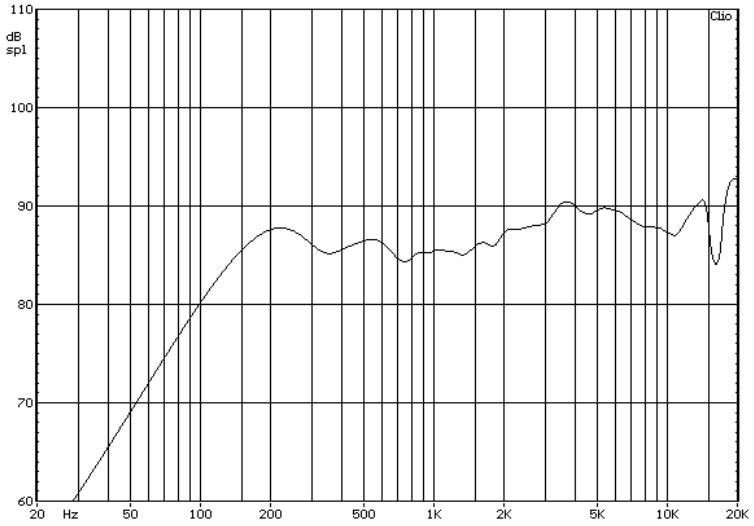




Parameter	Specification	Remarks
1. Dimensions	ϕ52mm	Outside Dimension of Radiating Plane
2. Impedance	8Ω ±15%	@1kHz/1.0V_{RMS}
3. Continuous/Peak Power Input	2.0W / 4.0W	
4. Lowest Resonant Frequency, F_0	160Hz±20%	Constant Voltage (1.0V_{RMS})
5. Output SPL	85±3 dB	Measured at 1W/0.5m @ (0.4/0.5/0.6/0.8) kHz in IEC 268-5 Baffle
6. Qts	<1.5	Constant Voltage (1.0V_{RMS})
7. Effective Frequency Range	F_0 to 12kHz	See Typical Frequency response
8. Total Harmonic Distortion	<2% (500 Hz – 7kHz)	2.0W/0.5m
9. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
10. Magnet	ϕ12.5 x 3.5mm	Nd-Fe-B (ϕD x h)
TESTS		
1. Extraneous Noise	4.0V_{RMS} from F_0 to 12kHz	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 – 9 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 for96h with 1h rest at room temperature	

Typical Frequency Response



Stetron International Inc.

Loudspeaker Specification
52mm/8Ω, Nd-Fe-B Magnet
paper cone, RoHS compliant

SIZE	DRAWN BY	PART No.
A		D0052008NU10HAR

SCALE	DATE	SHEET
N/A	15-APR-08	1 of 1

REV	DWG No. / FILE
1.5	DM07-011