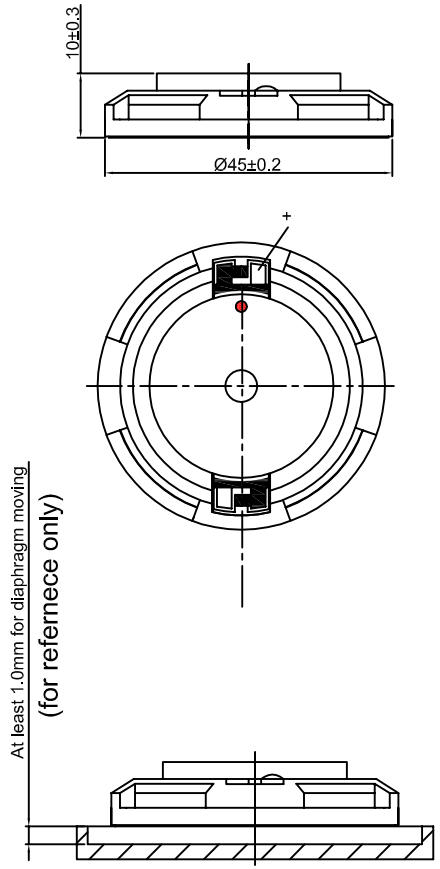
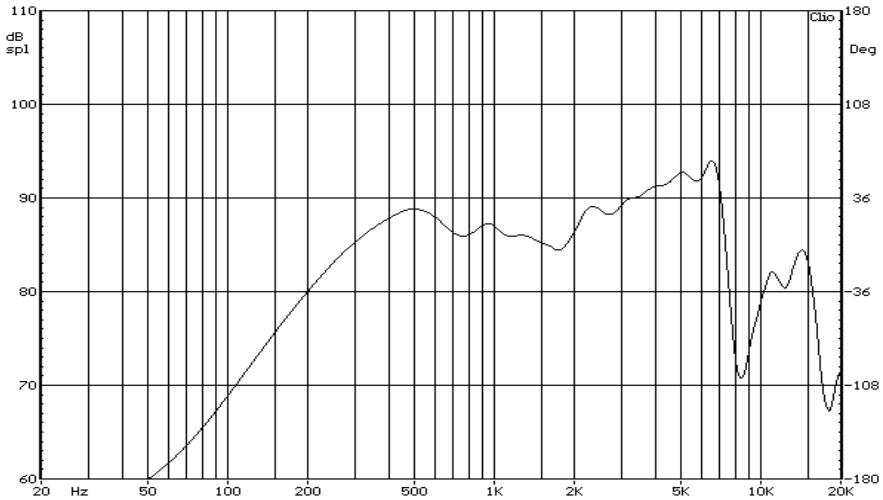


Parameter	Specification	Remarks
1. Dimension	ϕ45mm	Outside Dimension
2. Impedance	4Ω ±15%	@1kHz/1.0V_{RMS}
3. Continuous/Peak Power Input	2 W /3W	Nominal/Max
4. Lowest Resonant Frequency, F_0	260Hz±20%	Constant Voltage (1.0V_{RMS})
5. Sensitivity	87±3 dB	Test cond. at 1.0W/0.5m @ avg. 0.8/1.0/1.2/1.5 KHz
6. Effective Frequency Range	F_0 to 5 kHz	
7. Operation Test	2.0W/ 3.0W	
8. Total Harmonic Distortion	Max. 3 %	@ 1kHz (1W/0.5m)
9. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
10. Magnet	ϕ24.5 x 2.8 mm	Nd-Fe-B (ϕD x h)
TESTS		
1. Extraneous Noise	2.83 V_{RMS} from F_0 to 10 kHz	No Buzzes or Rattles shall occur
2. Max. Input Power	1kHz Sine wave of 3.0W applied for 1 min.	No buzzes or Rattles shall occur
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 to 7 after test
5. High Temperature Test	+70±2°C, 50%RH for 96h with 1h rest at room temperature	
6. Low temperature test	-25±3°C, 50%RH for 96h with 1h rest at room temperature	
7. Humidity Test	+40±2°C, 90%RH for 96h with 1h rest at room temperature	

Typical Frequency Response



Stetron International Inc.

Loudspeaker Specifications
Φ45 mm, 4 Ω
Nd-Fe-B Magnet
Rated power 2.0W
Plastic frame, RoHS compliant

SIZE	DRAWN BY	PART No.
A		P0045004NPR06AR

SCALE	DATE	SHEET
N/A	29-Jan-10	1 of 1

REV	DWG No. / FILE
0.1	DB10-008