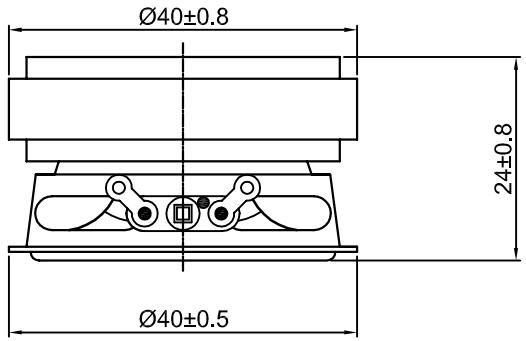
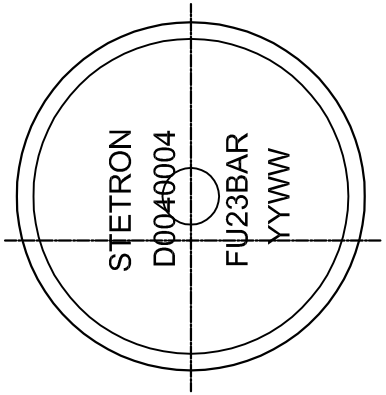
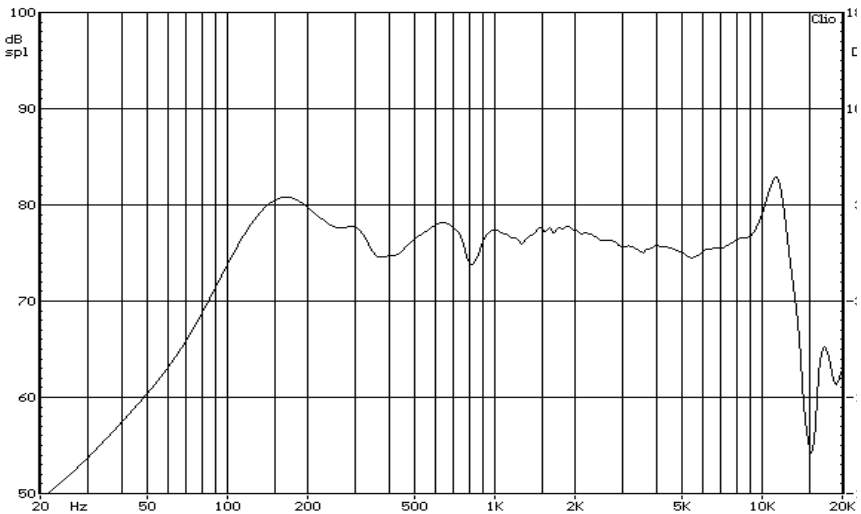




Parameter	Specification	Remarks
1. Dimension	ϕ40mm	Outside Dimension
2. Impedance	4Ω ±15%	@1kHz/1.0V_{RMS}
3. Continuous/Peak Power Input	2 W / 4W	
4. Lowest Resonant Frequency, F_0	140Hz±25%	Constant Voltage (1.0V_{RMS})
5. Sensitivity	77±3 dB	Test cond. at 1.0W/1.0m @ avg. 0.4/0.6/0.8/1.0 KHz in IEC 268-5 baffle
6. Effective Frequency Range	F_0 to 10 kHz	
7. Operation Test	2.0W/ 4.0W	
8. Total Harmonic Distortion	Max 5 % Max. 3 %	@ 200-500 Hz (1W/1m) @ 500-10,000 Hz(1W/1m) (Tested on IEC 268-5 baffle and using a stepped sine stimulus with increasing frequency)
9. Qts	1±0.25	Constant Voltage (1.0V_{RMS})
10. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
11. ESD	Min.15 kV	No arcing should occur ESD test done according to IEC 801-2(1991-04)
12. Magnet	ϕ40 x 19 x 7 mm	Ferrite
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 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 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
Φ40 mm, 4 Ω
Ferrite Magnet
Rated power 2.0W
Metal frame, RoHS compliant

SIZE	DRAWN BY	PART No.
A		D0040004FU23BAR

SCALE	DATE	SHEET
N/A	9-Mar-12	1 of 1

REV	DWG No. / FILE
0.4	DB11-047