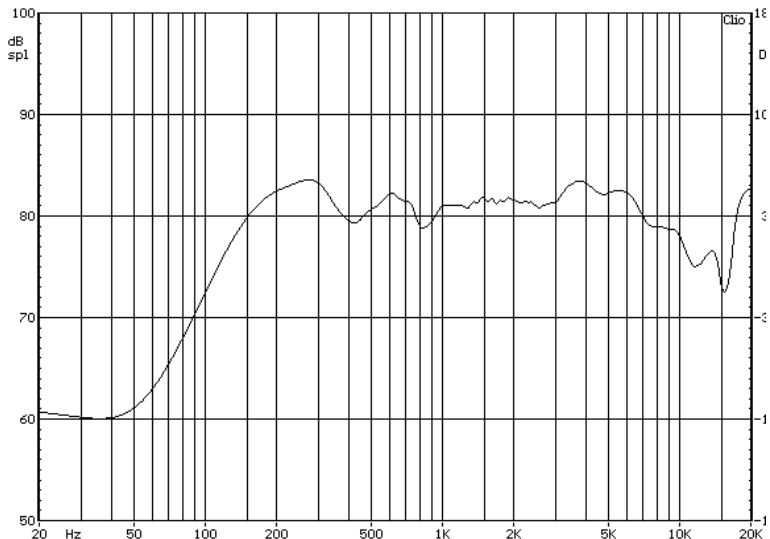



ITEM		SPECIFICATION	REMARKS
1	Dimensions	Ø52.0	OD of radiating plane
2	Impedance	8.0Ω±15%	@ 2.0kHz/1V
3	Input Power	3W/5W	Rated/Max
4	Lowest Resonant Frequency, F ₀	160Hz ±20%	Constant Voltage (1V RMS)
5	SPL	80dB ±3dB	Measured 1W/1m @ (0.2/0.5/1.0/5.0/10.0/15.0 kHz) Avg. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion	Max. 6% Max. 2.5%	@ 1W/1m 160- 200 Hz @ 1W/1m 200-15,000 Hz
7	Effective Frequency Range	F ₀ to 15kHz	1W/1m
8	Magnet Dimension	Ø45 x 19 x 8 mm	OD x Wx H
TESTS			
9	Operation Test	White noise of 3W is applied for 96h.	The speaker must meet items 4 to 7 after test
10	Extraneous Noise	4.89 VRMS from F ₀ to 15 kHz	No Buzzes or Rattles shall occur
11	Max. Input Power	The speaker shall be exposed to white noise of 5W for 1min.	The speaker must meet items 4 to 7 after test
12	Polarity	A positive DC current is applied to the terminal marked +	
13	Drop Test (in box)	Speakers properly packaged in their shipping carton are dropped 18X from a height of 1M to a 5mm thick board	
14	Low Temperature Exposure	The speaker shall be exposed to -20 ±3°C, 50%RH for 96h with a 1h rest at room temperature.	The speaker must meet items 4 to 7 after test
15	High Temperature Exposure	The speaker shall be exposed to 70 ±3°C, 50%RH for 96h with a 1h rest at room temperature.	
16	Humidity Exposure	The speaker shall be exposed to 40±3°C, 90%RH for 96h with a 1h rest at room temperature.	

Typical Frequency Response



 Stetron International Inc.		Speaker Specification Ø52 mm, Powder coated frame, 8 Ω, paper cone, Ferrite magnet, 3W, RoHS	
SIZE	DRAWN BY	PART No.	
A		D0052008FR129AR	
SCALE	DATE	SHEET	
N/A	3-Nov-11	1 of 1	
REV	DWG No. / FILE		
0.0			DB11-046