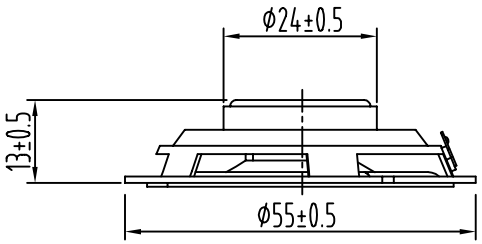
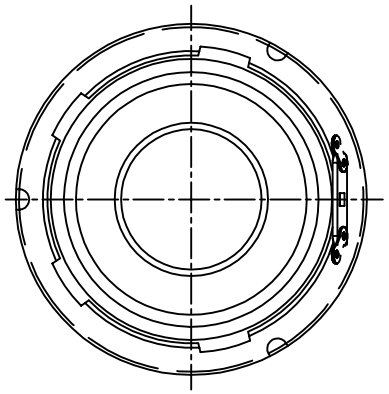
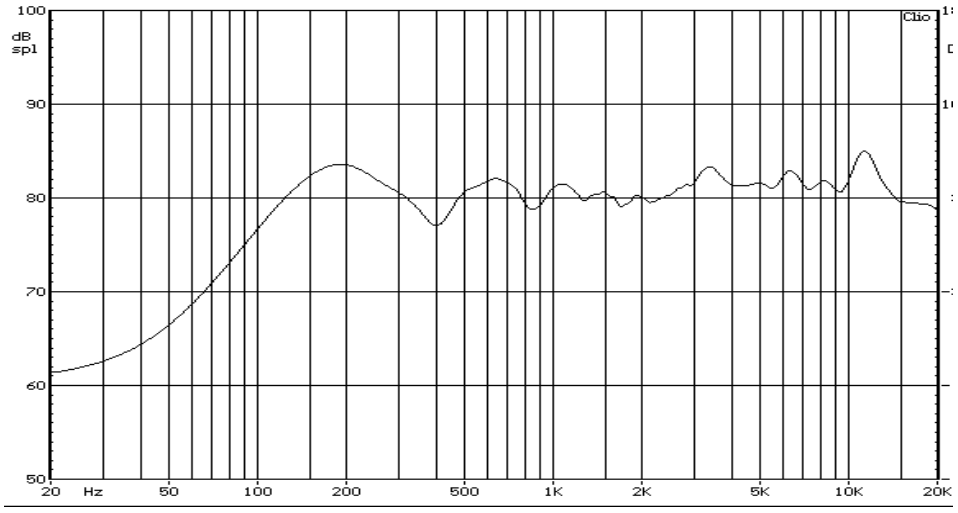




ITEM			SPECIFICATION	REMARKS
1	Dimensions		Ø55.0 x 13 mm	
2	Impedance		4.0 Ω ±15%	@ 2.0kHz/1V
3	Input Power		1W/2W	RMS/Peak
4	Lowest Resonant Frequency, F_0		160Hz ±20%	Constant Voltage (1V RMS)
5	Sensitivity		80dB ±3dB	Measured 1W/1m @ 1.0 kHz. Using IEC 268-5 Baffle.
6	Total Harmonic Distortion		Max. 6%	@ 200 Hz - 8 kHz (1W/1m)
7	Effective Frequency Range		F_0 to 10kHz	1W/1m
TESTS				
9	Operation Test	White noise of 1W is applied for 96h.		The speaker must meet items 4 to 7 after test
10	Extraneous Noise	2 VRMS from F0 to 10 kHz		No Buzzes or Rattles shall occur
11	Max. Input Power	The speaker shall be exposed to EIA white noise of 2 W for 1min.		The speaker must meet items 4 to 7 after test
12	Polarity	A positive DC current is applied to the terminal marked +		There shall be no buzz/rattle and the part shall exhibit no physical damage (rivets, weld and glue must hold, no scratches or burrs on surfaces and no peeling of paint/coating)
13	Vibration (no box)	10 sweeps of 3 minute duration from 10Hz-30Hz-10Hz (Double Amplitude – 0.75mm)		
		10 sweeps of 3 minute duration from 30Hz-55Hz-30Hz (Double Amplitude – 0.55mm)		
14	Drop Test (in box)	Speakers properly packaged in their shipping carton are dropped on each side of the carton except the top from a height of 80cm (carton GW ≤ 10kg) or 60cm (10kg < carton GW ≤ 5kg)		
15	Low Temperature Exposure	The speaker shall be exposed to -20 ± 2°C, 50%RH for 96h with a 1h rest at room temperature.		
16	High Temperature Exposure	The speaker shall be exposed to 70 ± 3°C, 50%RH for 96h with a 1h rest at room temperature.		
17	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 ϕ55 mm, 4 Ω, Nd magnet, 1W, RoHS

SIZE	DRAWN BY	PART No.
A		P0055004NR341AR

SCALE	DATE	SHEET
N/A	12-Aug-14	1 of 1

REV	DWG No. / FILE
0.2	DB14-025