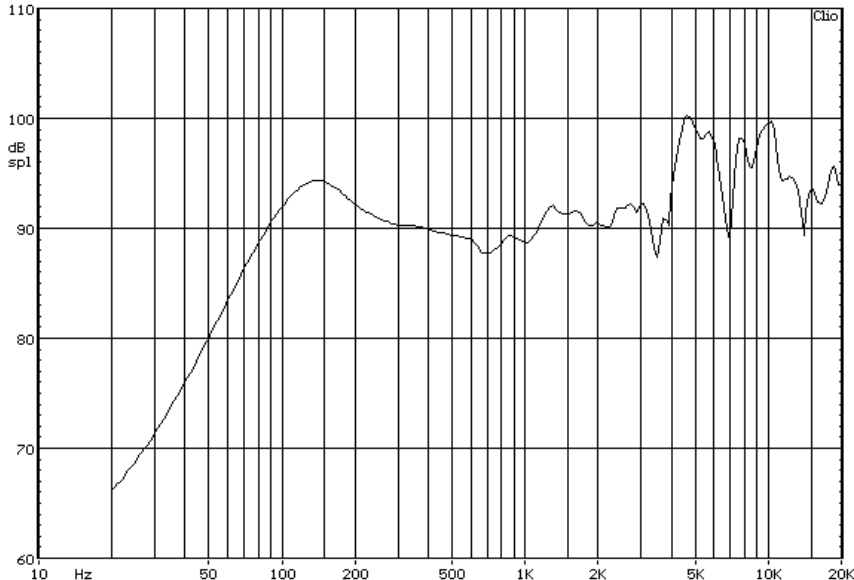
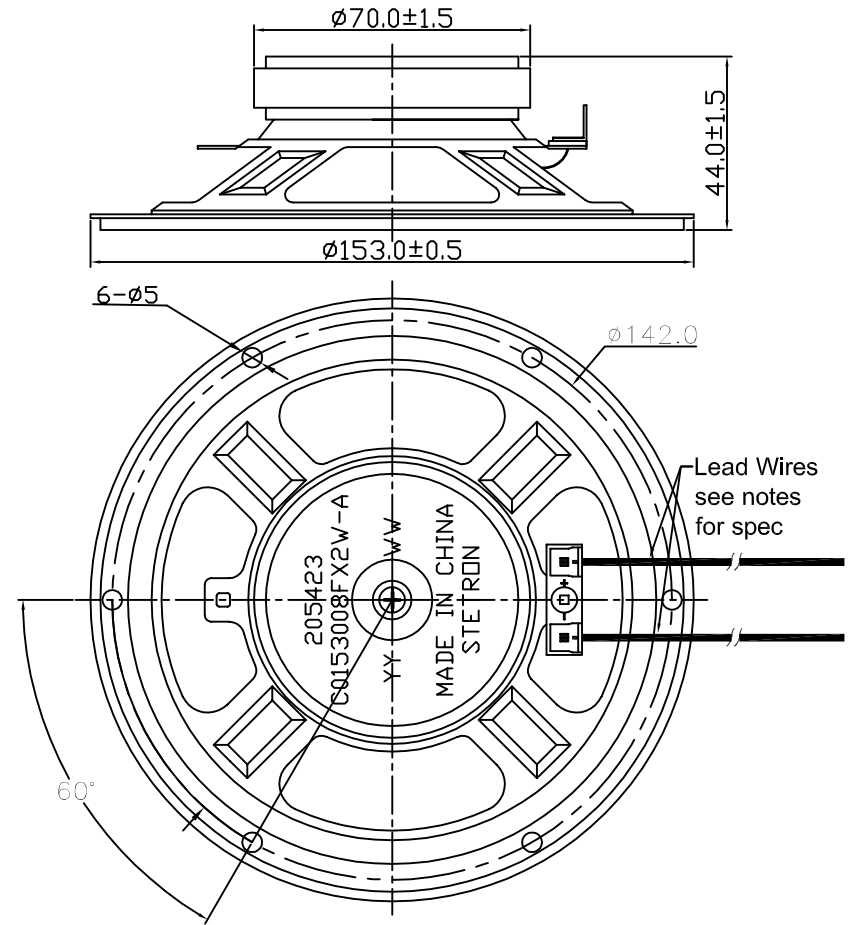


Parameter	Specification	Remarks
1. Diameter	φ153mm	Outside Diameter of Radiating Plane
2. Impedance	8Ω± 15%	@0.6kHz/1.0V
3. Input	60W	Max
4. Lowest Resonant Frequency, F ₀	100Hz ±20%	Constant Voltage Method, 1V
5. Sound Pressure Level	89 ±3dB	(Ref 1W/0.5m) 1.0kHz
6. Effective Frequency Range	F ₀ – 20kHz	
7. Max. Input Power	60W White Noise applied for one min.	All parameters to remain within specified limits
8. Operation Test	30W	
9. Distortion Factor	<5%	@ 0.6kHz/1W/0.5m
10. Q _{TS}	<2.3	
11. V _{AS}		
12. Polarity		When a positive DC current is applied to the terminal marked +, the diaphragm shall move forward
13. Buzz & Rattle Test	6.3 V sine wave swept from F ₀ – 20kHz	No Buzz or Rattle shall occur
14. Magnet	φ70×φ32×10mm 148g	
15. Weight	447g	
16. Drop Test	The speaker – contained in normal packing material – shall be dropped 18x from 1m onto a 5mm thick board.	All parameters must remain within specified limits
17. Load Test	A 10W white noise to be applied for 96h	Item 10 must remain within specified limits
18. High Temperature Test	70±3°C 50%RH 96h with 1h recovery at room temperature	Items 4 & 10 must remain within specified limits
19. Humidity Test	40±3°C 90%RH 48h with 1h recovery at room temperature	Items 4 & 10 must remain within specified limits
20. Surround Material	Rubber	
21. Voice Coil	φ25.9mm	Aluminium Bobbing

Typical Frequency Response



REV	DATE	ID	DESCRIPTION
0.0	01/19/00	CM	Original Drawing
0.1	03/21/00	CM	Freq Resp corrected for room effect
0.2	12/13/00	RB	P/N corrected, lead wire spec added
0.3	8/14/01	CM	Bolt hole mounting diameter tolerance and angular spacing specified
1.0	10/24/01	CB	Part markings added & voice coil diameter corrected
2.0	02/21/02	CM	Terminal orientation changed for improved soldering



Notes:

All dimensions in mm
Lead Wires:
#18 AWG 6" Long,
Unstripped clean cut ends.
(+) Tan colour
(-) Green colour



Stetron International Inc.

Automotive Co-Axial Loudspeaker
 153mm Diameter, 8ohm Voice Coil
 Ferrite Magnet, Polypropylene Cone

SIZE	A	DRAWN BY		PART No.	C0153008FX2W-A
SCALE	N/A	DATE	21-FEB-02	SHEET	1 of 1
REV	2.0	DWG No. / FILE			CDC00006