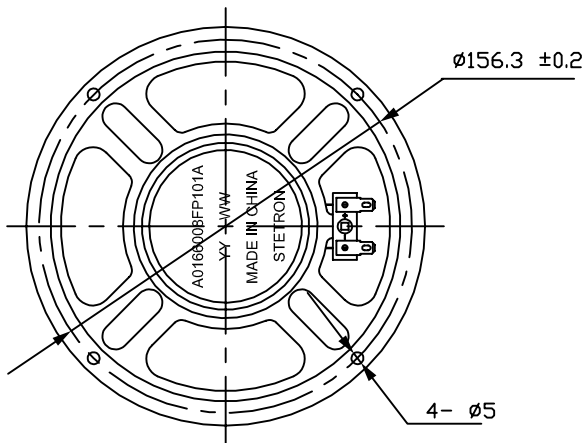
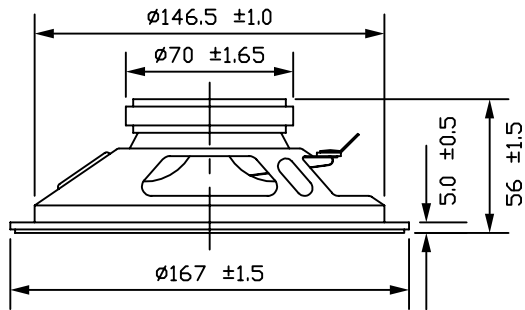
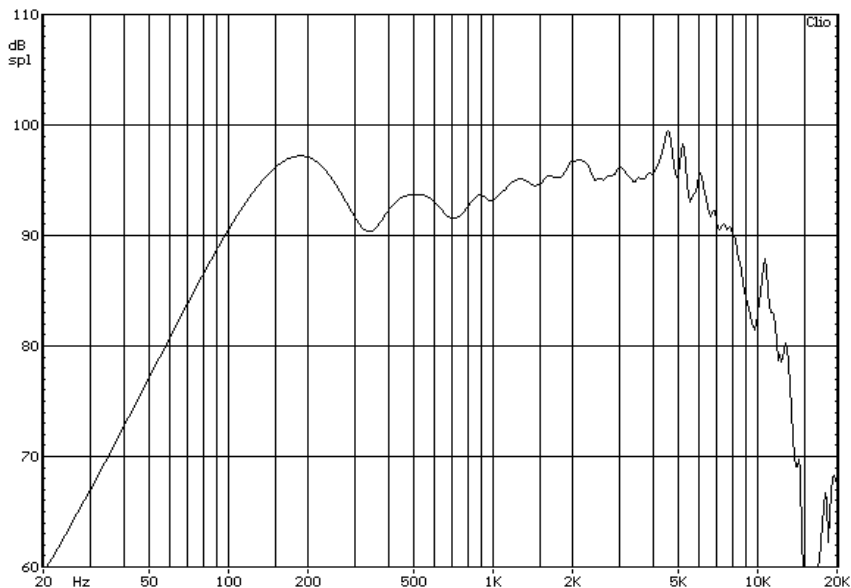


REV	DATE	ID	DESCRIPTION
0.0	10-Apr-00	RB	Original Drawing
0.1	22-Apr-02	CM	Re-formatted Dwg to current template; Corrected P/N, specs
1.0	20-Mar-03	CM	Added Part Markings



Typical Frequency Response



Parameter	Specification	Remarks
1. Dimensions	φ166mm (6.5")	
2. Impedance	8Ω ±15%	@0.6kHz, 1.0V _{RMS}
3. Rated/Maximum Power Input	15W / 25W	
4. Lowest Resonant Frequency, F ₀	150Hz ±20%	Constant Voltage (1.0V _{RMS})
5. Sensitivity	93 ± 3dB/W	1.0kHz 1W, 0.5m
6. Effective Frequency Range	F ₀ to 5kHz	See Typical Response
7. Operation Test	15W	
8. Total Harmonic Distortion	<5 %	Max at 0.6kHz (1W, 0.5m)
9. Q _{TS}	<3	Constant Voltage (1.0V _{RMS})
10. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
11. Magnet	φ70 x φ32 x 8mm	Ferrite (OD x ID x h) 126g (4.4oz)

TESTS

1. Buzz & Rattle Test	7.7V _{RMS} from F ₀ to 5kHz	No Buzzes or Rattles shall occur
2. Max. Input Power	EIA White Noise (25W) applied for 1min	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	EIA White Noise (15W) applied for 96h	Must meet items 4 & 9 after test
5. High Temperature Test	+70 ±3°C 50%RH, 96h with 1h rest at room temperature	
6. Humidity Test	+40±3°C 90%RH (48h) with 1h rest at room temperature	

Notes:

All dimensions in mm



Stetron International Inc.

Bus Ceiling Speaker
166mm (6.5")
8Ω, 15W (25W max)

SIZE	A	DRAWN BY		PART No.	A0166008FP101A
SCALE	N/A	DATE	20-MAR-03	SHEET	1 of 1
REV	1.0	DWG No. / FILE			CDC00014