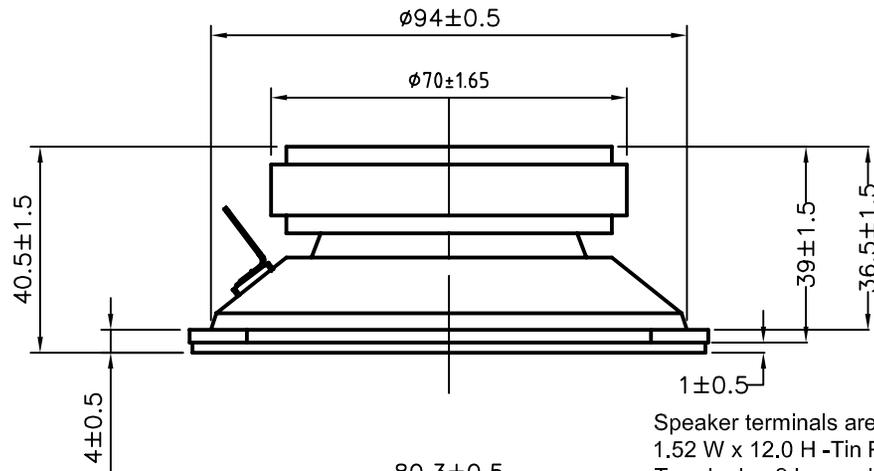
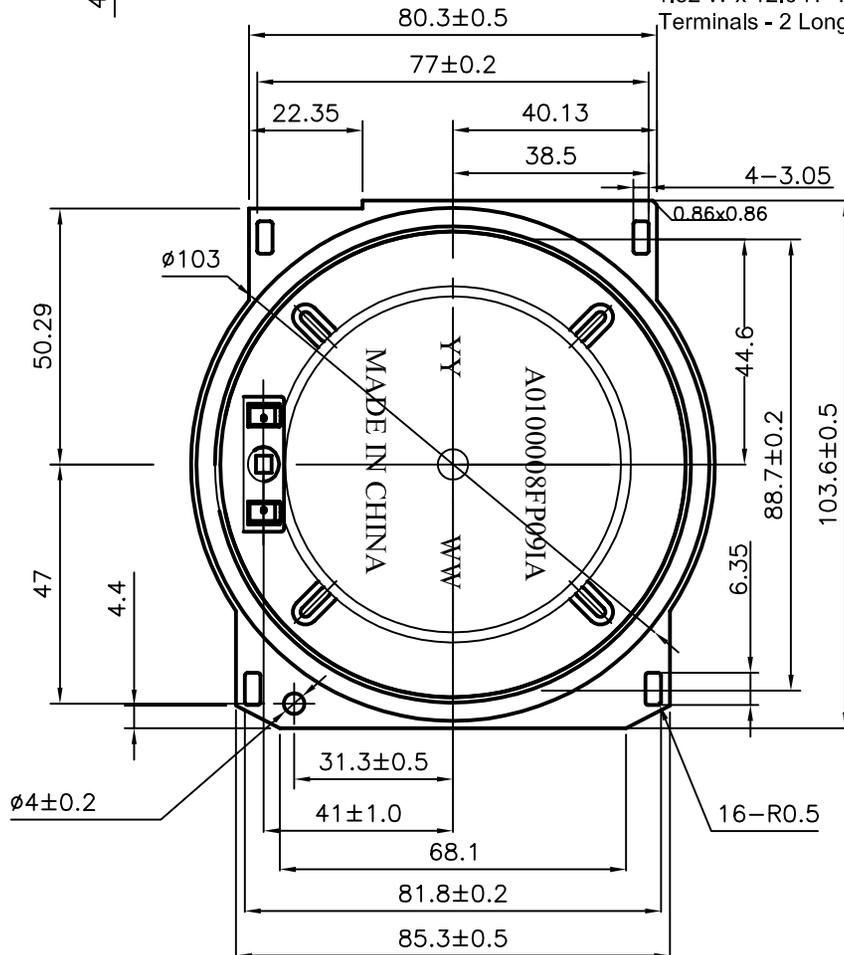


REV	DATE	ID	DESCRIPTION
0.0	08-May-07	RS	Original Drawing
0.1	11-May-07	RS	Added P/N to speaker and additional Dims
0.2	6-Jul-07	RS	Rotated terminal by 180°
0.3	31-Jul-07	RS	Updated P/N to be placed on speaker
0.4	29-Aug-07	RS	Revised test condition for Dielectric
0.5	09-Nov-07	RS	Added frequency response and second sheet



Speaker terminals are 0.61 THK x 1.52 W x 12.0 H -Tin Plated Iron Terminals - 2 Long wire wrap pins



Parameter	Specification	Remarks
1. Dimensions	103 x 103 mm	
2. Impedance	8Ω ±15%	@1.5kHz/1.0V _{RMS}
3. DC Resistance	7.0Ω ± 5%	
4. Rated/Maximum Power Input	15W / 30W	
5. Lowest Resonant Frequency, F _s	900Hz ±20%	Constant Voltage (1.0V _{RMS}) Measured at 1.0kHz 1W/1m Avg.600Hz ~ 4kHz
6. Sound Pressure Level	98 ±2 dB	
7. Effective Frequency Range	F ₀ to 6.0kHz	
8. Operation Test	10.95V	
9. Total Harmonic Distortion	≤20%	710 ~ 3550 Hz (8W/1m) Per Section 22 of UL1480 (2005)
10. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
11. Magnet	Ferrite φ70xφ24x10	
12. Weight	458 g	

TESTS

1. Buzz & Rattle Test	2.83V _{RMS} from F ₀ to 6kHz	No Buzzes or Rattles shall occur
2. Max. Input Power	EIA White Noise of 30W applied for 1 min.	All parameters must remain within specified limits
3. Audibility Test	Per Section 26 of UL1480 (2005)	Should meet specified SPL
4. Corrosion Test	Per Section 40 of UL1480 (2005) Outdoor	Shall comply with audibility test per section 26 with no more than 3dB reduction in SPL
5. Endurance Test	Per Section 28 of UL1480 (2005)	Shall comply with audibility test per section 26 with no more than 3dB reduction in SPL
6. Burn out Test	Per Section 34 of UL1480 (2005)	Shall comply with Abnormal Operation Test per section 29
7. Abnormal Operation Test	Per Section 29 of UL1480 (2005)	Shall comply with Dielectric voltage withstand Test per section 36
8. Dielectric voltage withstand Test	Per Section 44 of UL1480 (2005)	Leakage current shall be <0.5mA
9. Variable Ambient Temperature Test	Per Section 38 of UL1480 (2005) Outdoor	Shall comply with Dielectric voltage withstand Test per section 36
10. Salt Spray Test	Per Section 40.4 of UL1480 (2005)	Shall comply with audibility test per section 26 with no more than 3dB reduction in SPL
11. Immersion Test	Per Section 41 of UL1480 (2005)	Shall comply with audibility test per section 26 with no more than 3dB reduction in SPL
12. Water Spray Test	Per Section 42 of UL1480 (2005)	Shall comply with Dielectric voltage withstand Test per section 36

NOTES: All dimensions in mm. QB07014; UL1480(2005) Outdoor

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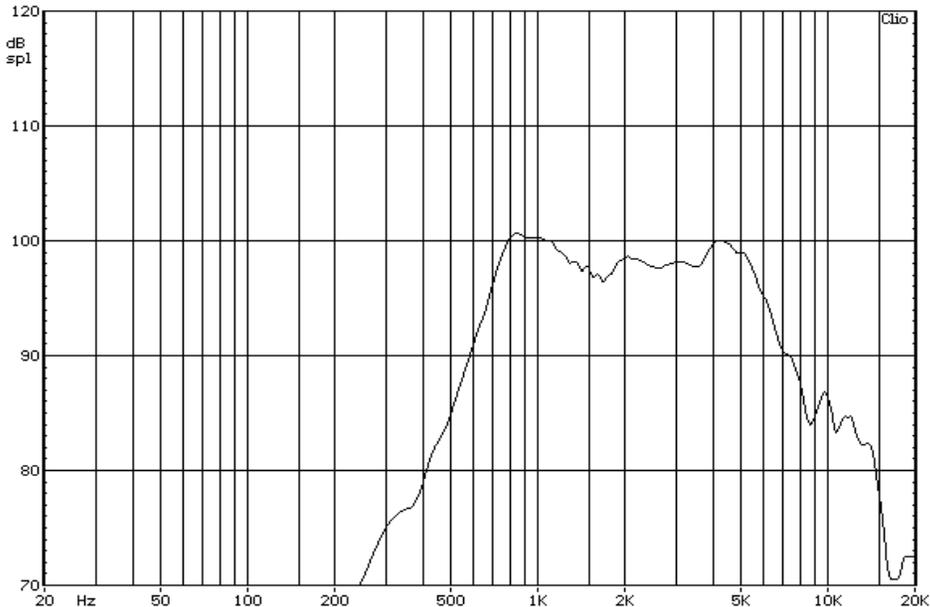
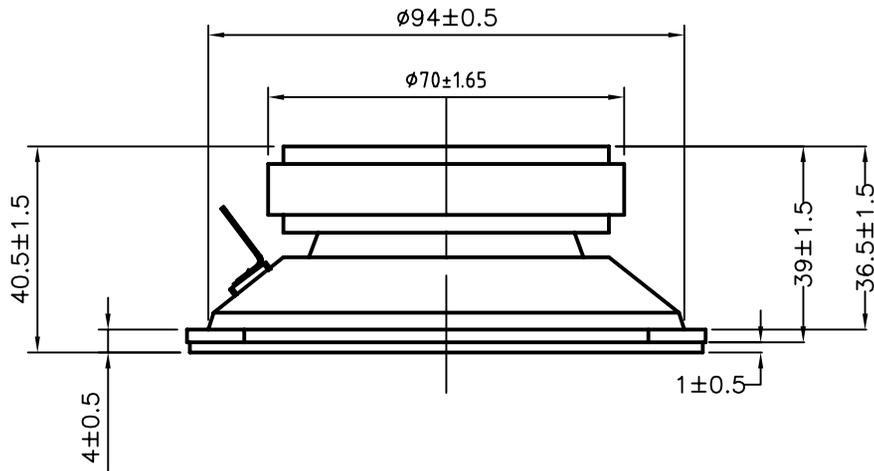


Stetron
International
Inc.

Loudspeaker Specifications
103 x 103mm, 8Ω
Ferrite Magnet, Paper Cone
Rated Power: 15W

SIZE	DRAWN BY	PART No.	
A	RS	A0100008FP091A	
SCALE	DATE	SHEET	
N/A	09-Nov-07	1 of 2	
REV	DWG No. / FILE		
0.5			DB07-033

REV	DATE	ID	DESCRIPTION
0.0	08-May-07	RS	Original Drawing
0.1	11-May-07	RS	Added P/N to speaker and additional Dims
0.2	6-Jul-07	RS	Rotated terminal by 180°
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8. Operation Test	10.95V	
9. Total Harmonic Distortion	≤20%	710 ~ 3550 Hz (8W/1m) Per Section 22 of UL1480 (2005)
10. Polarity	When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward	
11. Magnet	Ferrite φ70xφ24x10	
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NOTES: All dimensions in mm. QB07014; UL1480(2005) Outdoor

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Stetron International Inc.

Loudspeaker Specifications
103 x 103mm, 8Ω
Ferrite Magnet, Paper Cone
Rated Power: 15W

SIZE	DRAWN BY	PART No.	
A	RS	A0100008FP09IA	
SCALE	N/A	DATE	SHEET
		09-Nov-07	2 of 2
REV	0.5	DWG No. / FILE	DB07-033