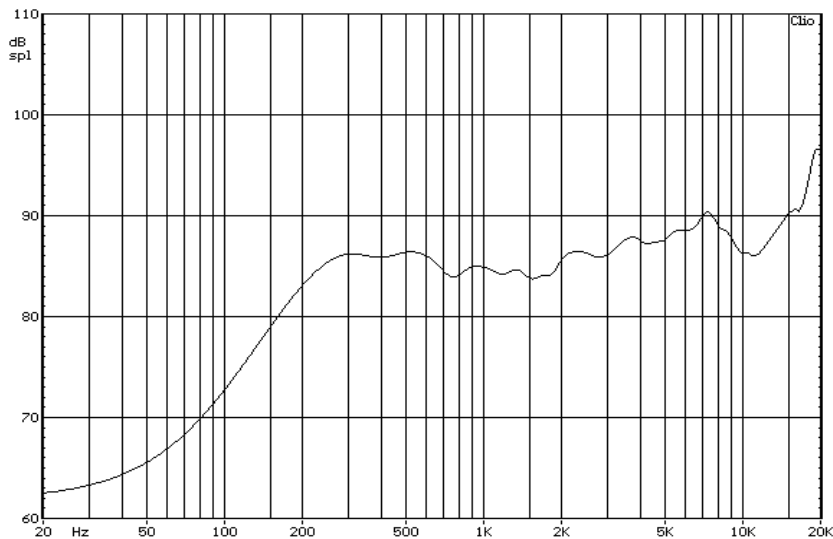



| ITEM         |   | SPECIFICATION   | REMARKS  |
|--------------|---|---|--|
| 1            | Dimensions                                | Ø36   | O.D. of radiating plane  |
| 2            | Impedance                                 | 4.0Ω±15%  | @ 1.0kHz/1V  |
| 3            | Input Power                               | 2W/2.5W   | Rated/Max  |
| 4            | Lowest Resonant Frequency, F <sub>0</sub> | 250Hz ±20%  | Constant Voltage (1V RMS)  |
| 5            | Output SPL                                | 85dB ±3dB   | Measured 1W/0.5m @ (0.8/1.0/1.2/1.5kHz) avg. Using IEC 268-5 Baffle. |
| 6            | Total Harmonic Distortion                 | Max. 5%   | @ 1W/0.5m/1.0kHz   |
| 7            | Effective Frequency Range                 | F <sub>0</sub> to 20kHz   | 1W/0.5m  |
| 8            | Magnet Dimension                          | Ø12.5 x2.5 mm   | OD x H   |
| <b>TESTS</b> |   |   |  |
| 9            | Operation Test                            | White noise of 2W is applied for 96h.   | The speaker must meet items 4&5 after test                           |
| 10           | Max. Input Power                          | The speaker shall be exposed to white noise of 2.5W for 1min.                                   |  |
| 11           | Polarity                                  | A positive DC current is applied to the terminal marked +                                       | The diaphragm shall move forward                                     |
| 12           | Buzz and Rattle                           | Sine wave of 2.83 V between 300Hz to 5kHz   | No buzz or rattle should be audible                                  |
| 14           | Low Temperature Exposure                  | The speaker shall be exposed to -25 ±3°C for 96h with a 2h rest at room temperature.            | Must meet items 5 and 12 after test                                  |
| 15           | High Temperature Exposure                 | The speaker shall be exposed to 70 ±2°C, 20 ~ 25%RH for 96h with a 2h rest at room temperature. |  |
| 16           | Humidity Exposure                         | The speaker shall be exposed to 40±2°C, 90 ~95%RH for 96h with a 2h rest at room                |  |

Typical Frequency Response



|   |          |   |               |
|---|----------|---|---------------|
|  <b>Stetron International Inc.</b> |          | <b>LoudSpeaker Specification</b><br>ø36, 4.0Ω, cloth surround<br>Nd-Fe-B magnet, 2.0W |               |
| SIZE  | DRAWN BY | PART No.  |               |
| <b>A</b>  |          | <b>D0036004NC01FDR</b>  |               |
| SCALE   | N/A      | DATE  | SHEET         |
|   |          | <b>08-Oct-10</b>  | <b>1 of 1</b> |
| REV   | 0.1      | DWG No. / FILE  |               |
|   |          | <b>DB10-050</b>   |               |