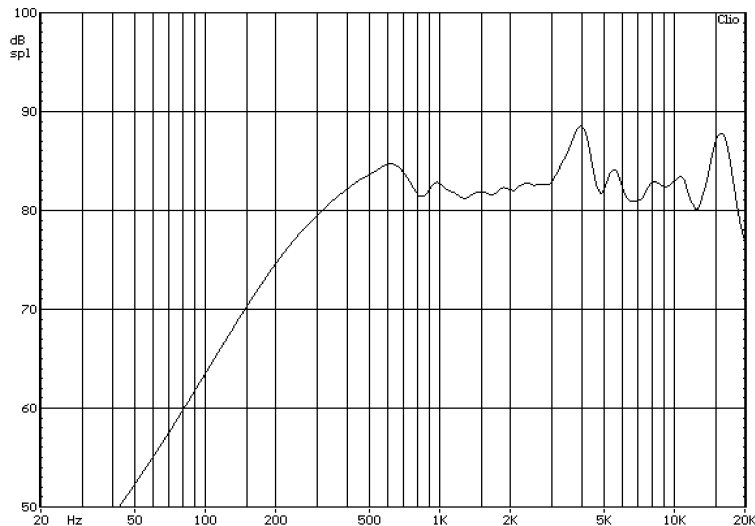



| Parameter | Specification | Remarks |
|--|--|--|
| 1. Dimensions | φ40mm | Outside Dimension |
| 2. Impedance | 8Ω ±15% | @1kHz/1.0V _{RMS} |
| 3. Continuous/Peak Power Input | 2 W / 4W | |
| 4. Lowest Resonant Frequency, F ₀ | 350±20% | Constant Voltage (1.0V _{RMS}) |
| 5. Sensitivity | 83±3 dB | Test cond. at 1.0W/1.0M @ 0.6/ 0.8/ 1.0/ 1.2 KHz |
| 6. Effective Frequency Range | F ₀ to 15 kHz | |
| 7. Operation Test | 2.0W/ 4.0W | |
| 8. Total Harmonic Distortion | <3 % | 1,000 Hz (2W/0.5m) |
| 9. Polarity | When a positive DC current is applied to the Terminal marked +, the diaphragm shall move forward | |
| 10. Magnet | φ12.5 x 1.5 mm | Nd-Fe-B (φD x h) |
| 11. Weight | 17.5 g +/-1.8 g | |
| TESTS | | |
| 1. Extraneous Noise | 4 V _{RMS} from F ₀ to 20kHz | No Buzzes or Rattles shall occur |
| 2. Max. Input Power | 1kHz Sine wave of 4.0W applied for 1 min. | 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 | White Noise (2.0W) applied for 96h | Must meet items 5 to 7 after test |
| 5. High Temperature Test | +80±3°C, 50%RH for 96h with 1h rest at room temperature | |
| 6. Low temperature test | -40±3°C | |
| 7. Humidity Test | +40±3°C, 90%RH for 96h with 1h rest at room temperature | |

Typical Frequency Response



| | | | |
|---|------------|--|---------------|
|  Stetron International Inc. | | Loudspeaker Specifications Φ40 mm, 8 Ω Neodymium Magnet Rated power 2.0W Metal frame, RoHS compliant | |
| SIZE | DRAWN BY | PART No. | |
| A | | D0040008NC20AAR | |
| SCALE | N/A | DATE | SHEET |
| | | 7-FEB-07 | 1 of 1 |
| REV | 0.1 | DWG No. / FILE | |
| | | DB07-015 | |