



Specification For Approval

承認書

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|----------------------------|-----------------------|
| 客戶 (Customer) | |
| 品名(Product Name) | SPEAK ASSY(LEAD FREE) |
| 客戶料號(Customer Parts No.) | |
| 供應商料號(Supplier Model No.) | P26CCG08HX |
| 承認簽章 Approval Signature | |

Revision History

| Version | Date | Description | Author |
|---------|-----------|-------------|--------|
| V1.0 | 2006/4/24 | Creation | 劉玉玲 |
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|---------------|--|-----------|
| 審查 (Checked) | | 2006/4/24 |
| 批准 (Approval) | | 2006/4/24 |

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| | | |
|-----|--------------------------------|---|
| 1. | MODEL: | 26CCG08HX DYNAMIC SPEAKER |
| 2. | Dimension | Outer Diameter 26 mm. |
| | | Height Refer to Fig 1 mm. Weight 5.8 Grams. |
| 3. | Magnet | Materials NdFeB |
| 4. | Impedance | 8 Ω ± 15 % At 1500 Hz. |
| 5. | Power Rating | Normal 1.5 W. Maximum 2.0 W. |
| 6. | Lowest Resonant Frequency | 380 ± 20% Hz at 1.0V measured by SUNLILAB® 7117C |
| 7. | Output Sound Pressure (S.P.L.) | 78 ± 3 db / 1.0Watt · 0.5Meter , Measured by B&K Type 2012 |
| | | At 800, 1000, 1200, 1500 HZ Average |
| 8. | Frequency Range | 120 ~ 20,000 Hz. Average SPL -10db Refer to Fig. 2 |
| 9. | Distortion | 5% Maximum at 1000 Hz 1 W. |
| 10. | Abnormal Sound Test | Must be Normal Tested By 3.46Volts . Sine Wave. |
| 11. | Load Test | Pink noise with HPF(High Pass Filter 235HZ-3db-11db/Oct) 3.46Volts(RMS.)96hrs. |
| 12. | Storage Temperature | - 25°C ~ + 65°C |
| 13. | Operating Temperature | - 20°C ~ + 60°C |

MOUNTING NOTICE:

Leave at least 1.5mm for diaphragm moving

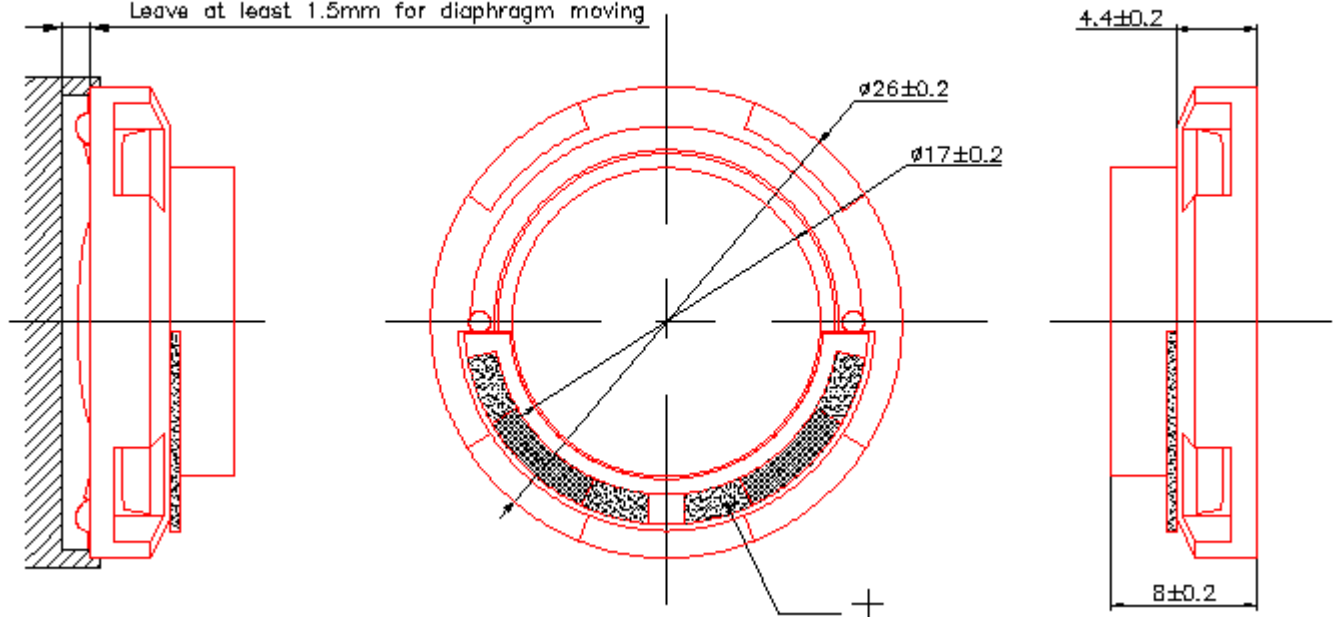
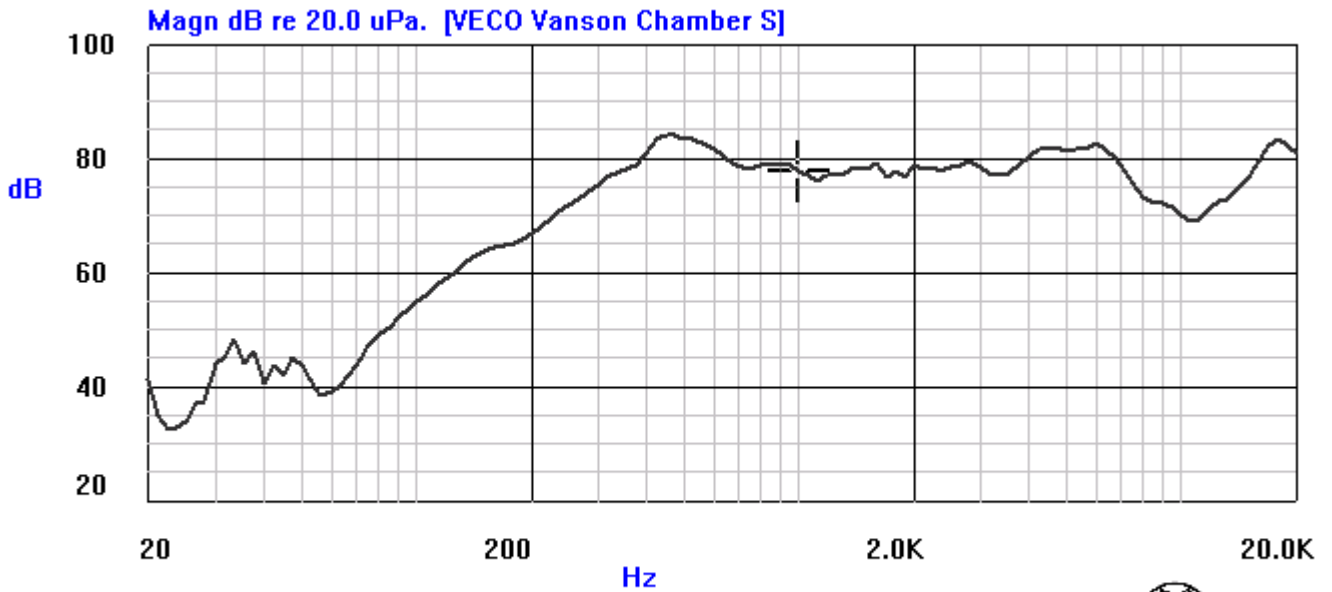


Fig.1

14.Frequency Response Curve.

14.1 Speaker

Sound Pressure Level(SPL) :78± 3dB 1.0W/0.5M at (800,1k,1.2k,1.5k) AV



Current Curve: 0 X: 1000 Hz Y: 77.74 dB

Time[Y/M/D H:M:S]: 2006/ 4/21 5:31:37



INPUT: 1.0W
MIC DIST: 0.5M
BAFFLE: IEC6028-5

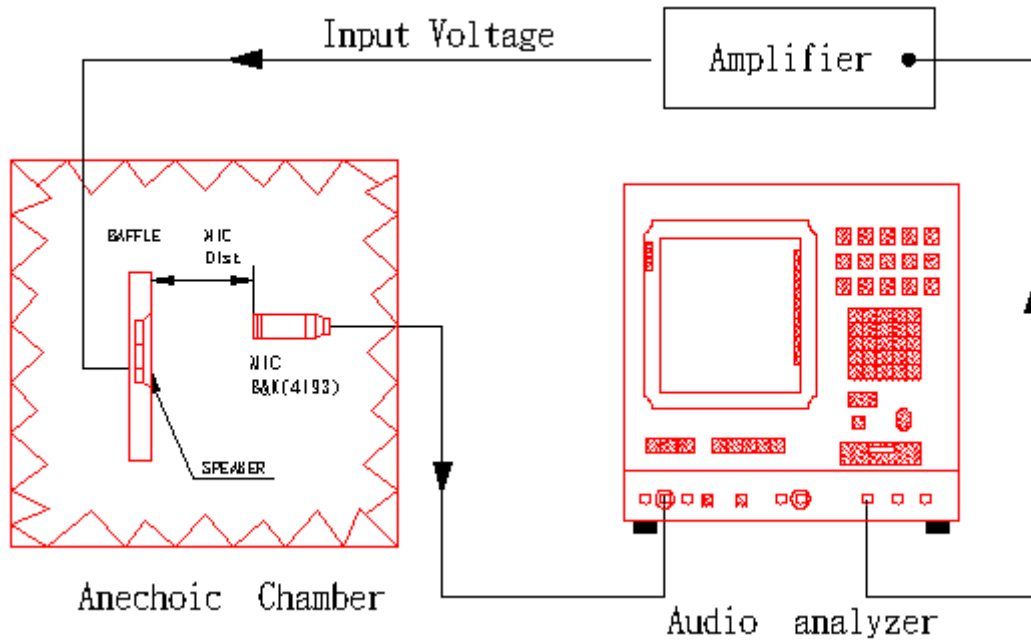


Fig.2

15.Environment Test

15.1 Environment test – High temperature.

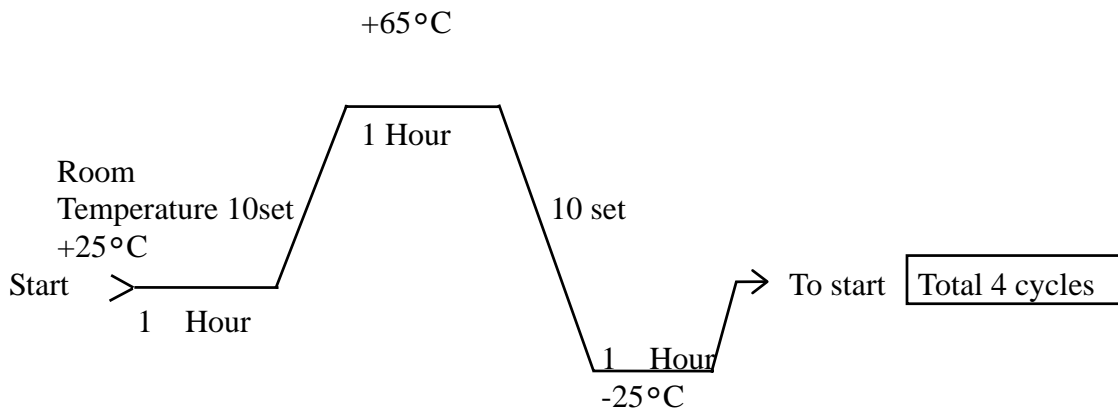
After exposure the speaker in the $+ 65 \pm 3$ °C chamber for 96 hours, then leave the speaker at room temperature for 1 hour, the SPL should not deviate by ± 3 db, compare with pre-test measurement.

15.2 Environment test - Low temperature.

After exposure the speaker in the $- 25 \pm 3$ °C chamber for 96 hours, then leave the speaker at room temperature for 1 hour, the SPL should not deviate by ± 3 db, compare with pre-test measurement.

15.3 Environment test-Temperature cycle.

After exposure the speaker in the chamber, temperature cycle setting as below shows, SPL should not Deviate by ± 4 db,compare with pre-test measurement.



15.4 Environment test – Humidity.

After exposure the speaker in the $+ 40 \pm 3$, relative humidity 90% ~95% chamber for 96 hours, then leave the speaker at room temperature for 6 hours, the SPL should not deviate by ± 3 db, compare with pre-test measurement.