



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

No.4, Lane 505 ,Zhongzheng Road, Linkou Shiang, Taipei,Taiwan24445

Mylar speaker PSR-23N08S-Q

(RoHS)

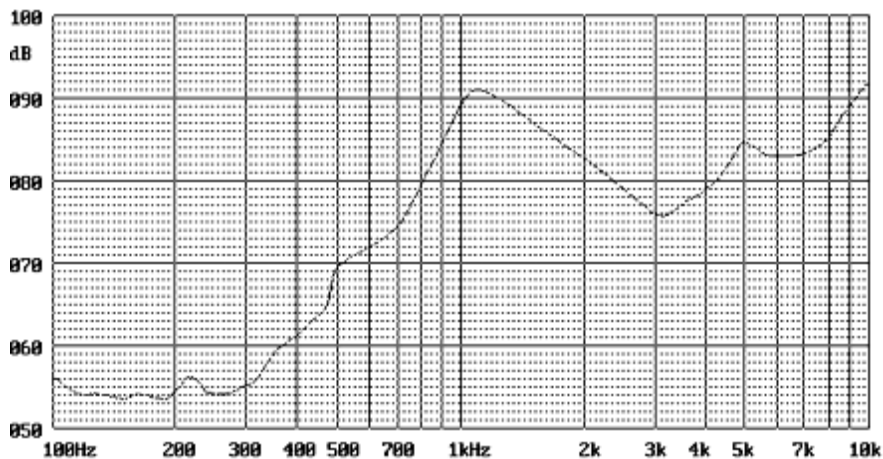
DATE:2008.01.07

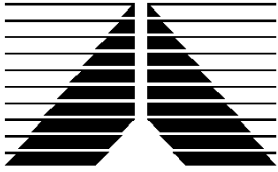
1 . Electrical Characteristics

VER :0

Voice Coil Impedance (Ω)	8 \pm 15% at 800Hz/1.0V
Rated Input (W)	0.25
Max. Input (W)	Must be normal at 0.30W for one minute
Lowest Resonance Frequency (Hz)(Fo)	1000 \pm 20%
Frequency Range (Hz)	fo ~ 5000
Output S.P.L (dB)	83 \pm 3/ at 1W 1M,0.8K,1K,1.2K,1.5KHz
Magnet Size (mm)	9.5*1.5
Core Material(mylar)	Transparent
Frame Material	Plastic

2 . Typical Frequency Response Curve





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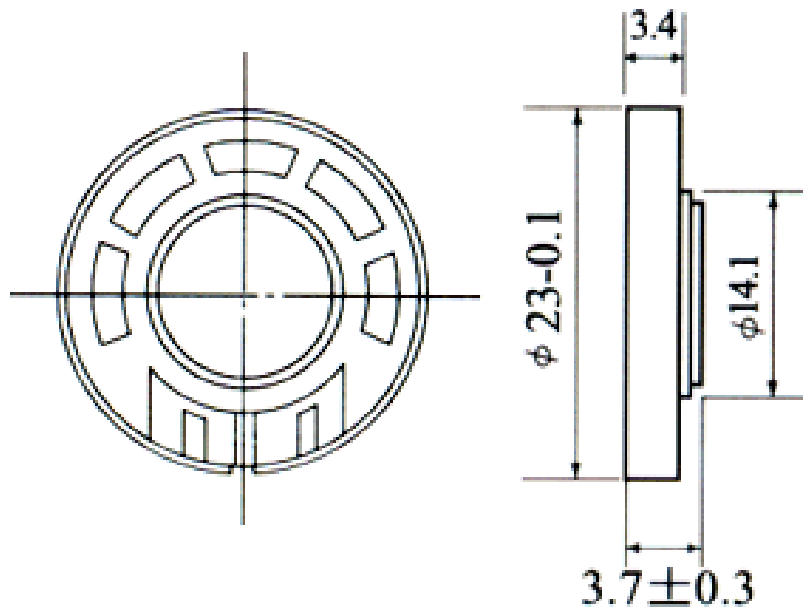
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3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

Magnet	Ferrite Magnets
Weight (Gram)	2.2G



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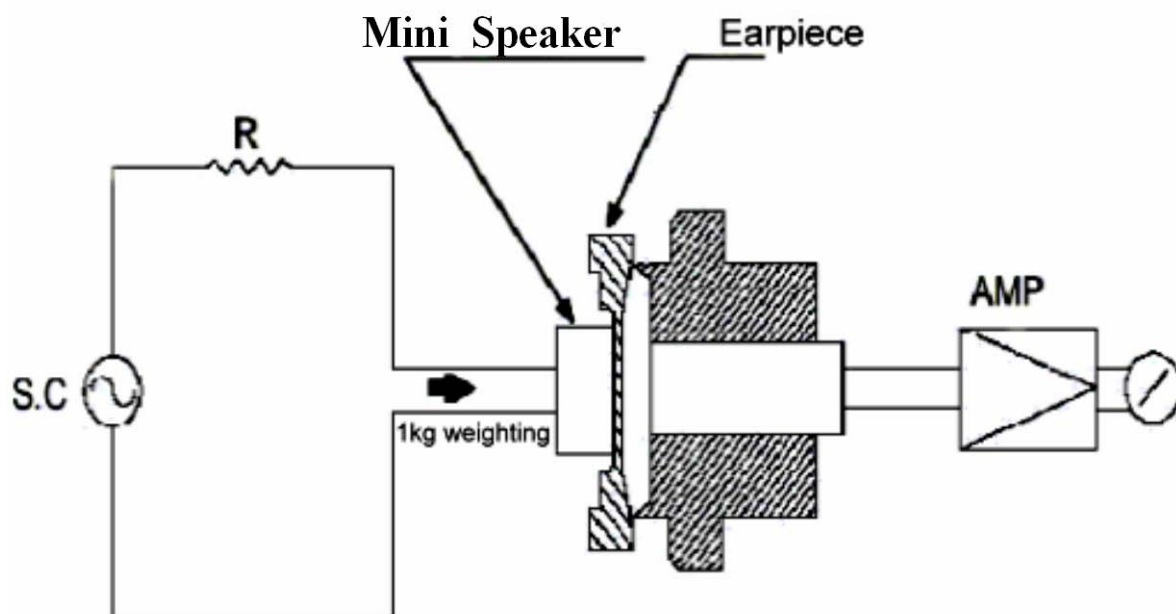
4. TESTING METHOD

· *Standard Measurement conditions*

Temperature: $25\pm 2^{\circ}\text{C}$ Humidity:45-60%

· *Acoustic Characteristics*

In the measuring test, Mini Speaker is placed as follows:





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5. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS
<i>High Temp Test</i>	<i>After having been in a test chamber for 16 hours at the condition of +55°C 20%~25% RH and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.</i>
<i>Low Temp Test</i>	<i>After having been in a test chamber for 16 hours at the condition of -25°C±3°C and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.</i>
<i>Humidity Test</i>	<i>After having been in a test chamber for 96 hours at the condition of 40°C90%~95% RH and then let 4 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles .</i>
<i>Load Test</i>	<i>At 0.25W white noise is applied for 96 hours and then should satisfy the test described under Normal Impedance and Buzzes & Rattles.</i>
<i>Drop Test</i>	<i>Drop the speakers contained in normal box on to the board 5mm thick 2 times from the height of 1.0m Normal Impedance and Buzzes & Rattles .</i>
<i>Operating Temperature</i>	<i>-25°C to +55°C</i>