



# HITPOINT

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

## Mylar speaker PSR-2027N08S-Q

(RoHS)

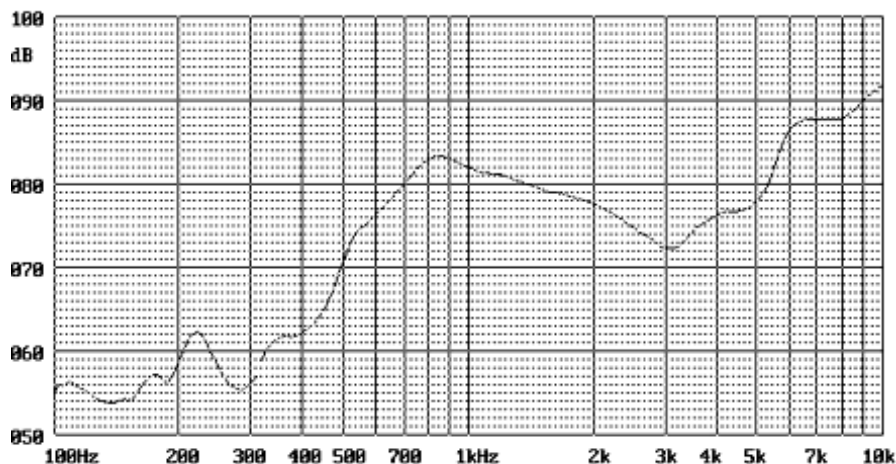
DATE:2009-7-22

### 1 . Electrical Characteristics

VER.:0

Voice Coil Impedance ( $\Omega$ )	8 $\pm$ 15% at 800Hz/1.0V
Rated Input (W)	0.25
Max. Input (W)	Must be normal at 0.50W for one minute
Lowest Resonance Frequency (Hz)(Fo)	750 $\pm$ 20%
Frequency Range (Hz)	fo ~ 5000
Output S.P.L (dB)	81 $\pm$ 3/ at 1W 1M,0.8K,1K,1.2K,1.5KHz
Magnet Size (mm)	$\phi$ 10.5*2
Core Material(mylar)	Black
Frame Material	Plastic

### 2 . Typical Frequency Response Curve





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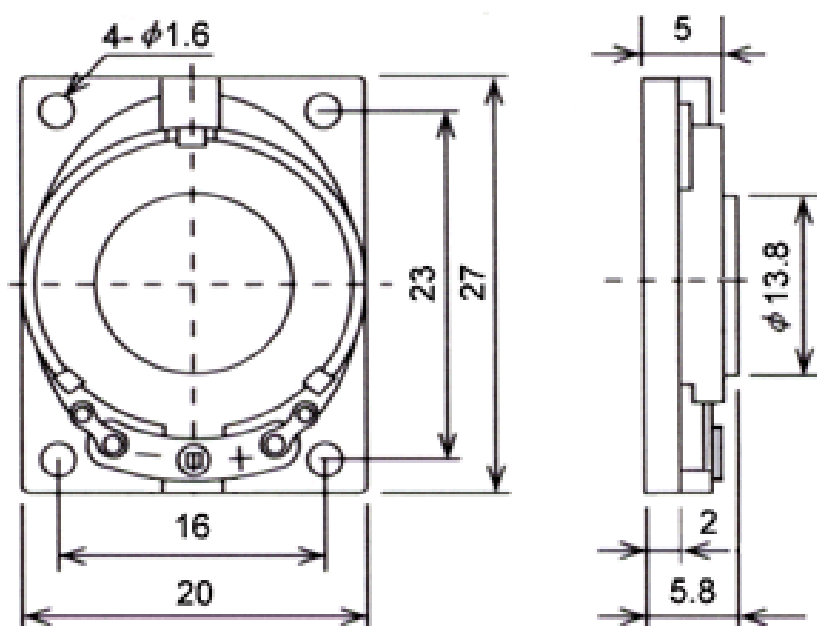
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## 3 . Dimensions and Material

### 3-1 Shape



Unit : mm

### 3-2 Material

Magnet	Ferrite Magnets
Weight (Gram)	6.0G



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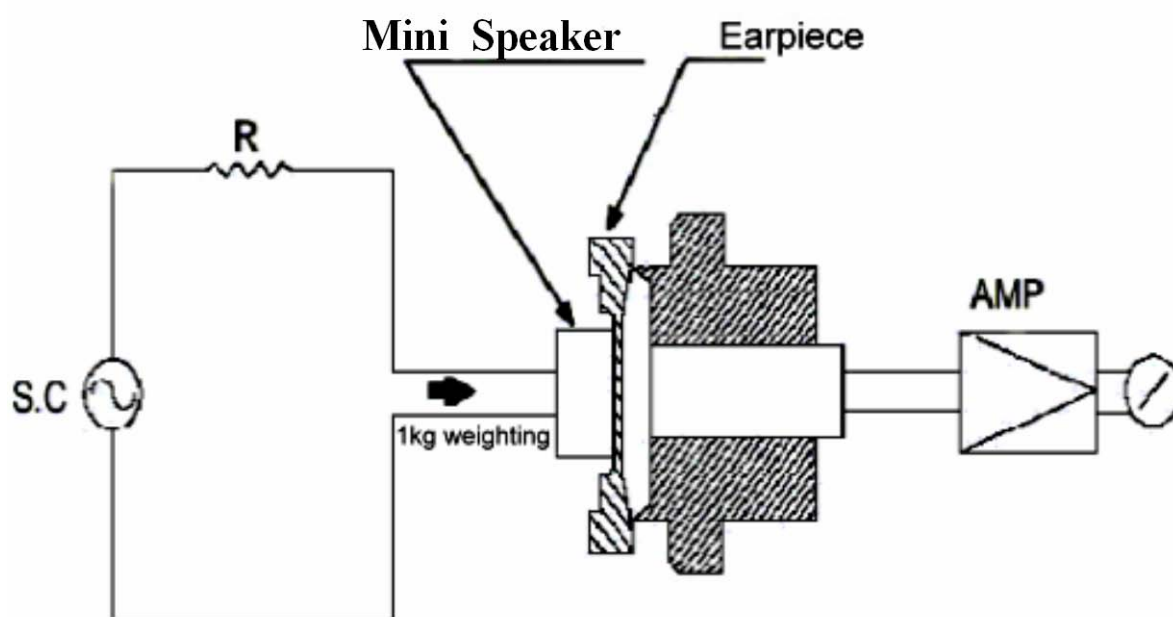
## 4. TESTING METHOD

### • *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
High Temp Test	After having been in a test chamber for 16 hours at the condition of $+55^{\circ}\text{C}$ 20%~25% RH and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Low Temp Test	After having been in a test chamber for 16 hours at the condition of $-25^{\circ}\text{C}\pm 3^{\circ}\text{C}$ and then let 2 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Humidity Test	After having been in a test chamber for 96 hours at the condition of $40^{\circ}\text{C}$ 90%~95% RH and then let 4 hours in a room should satisfy the test described under Normal Impedance and Buzzes & Rattles .
Load Test	At 0.25W white noise is applied for 96 hours and then should satisfy the test described under Normal Impedance and Buzzes & Rattles.
Drop Test	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 .
Operating Temperature	$-25^{\circ}\text{C}$ to $+55^{\circ}\text{C}$