

Mylar Speaker

(ROHS)

1 Electrical Characteristics

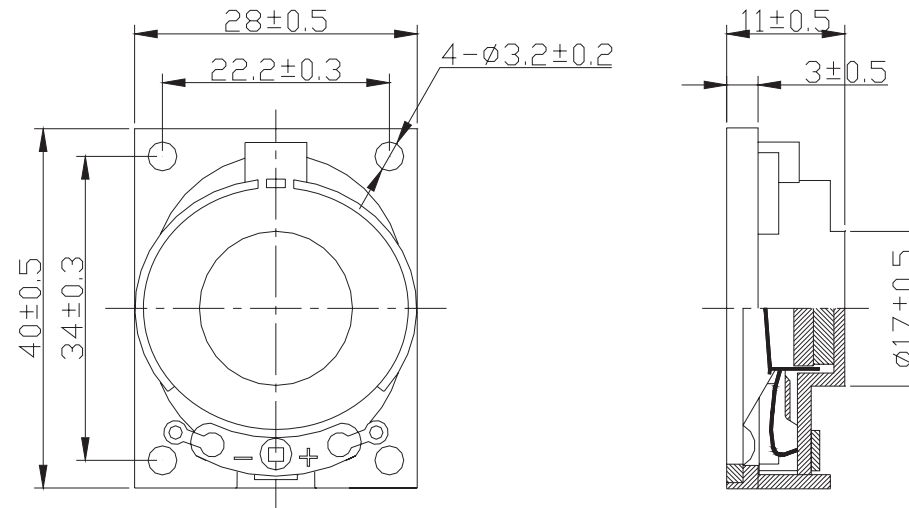
VER.:0

Voice Coil Impedance (Ω)	8 \pm 15% at 1.0V 1.5KHz
Rated Input (W)	2.0
Max. Input (W)	3.0
Lowest Resonance Frequency (Hz)(Fo)	400 \pm 20%
Frequency Range (Hz)	Fo~ 18000
Output S.P.L (dB)	82 \pm 3/ at1W 1M.0.8K,1K,1.2K,1.5KHz
Magnet Size (mm)	\varnothing 12.5*2.0
Magnet Weight (g)	G
Core Material (mylar)	Paper
Frame Material	Plastic

2 Typical Frequency Response Curve

3 Dimensions and Material

3-1 Shape (Unit : mm)



3-2 Material

Magnet	NdFeB
Weight (Gram)	12G

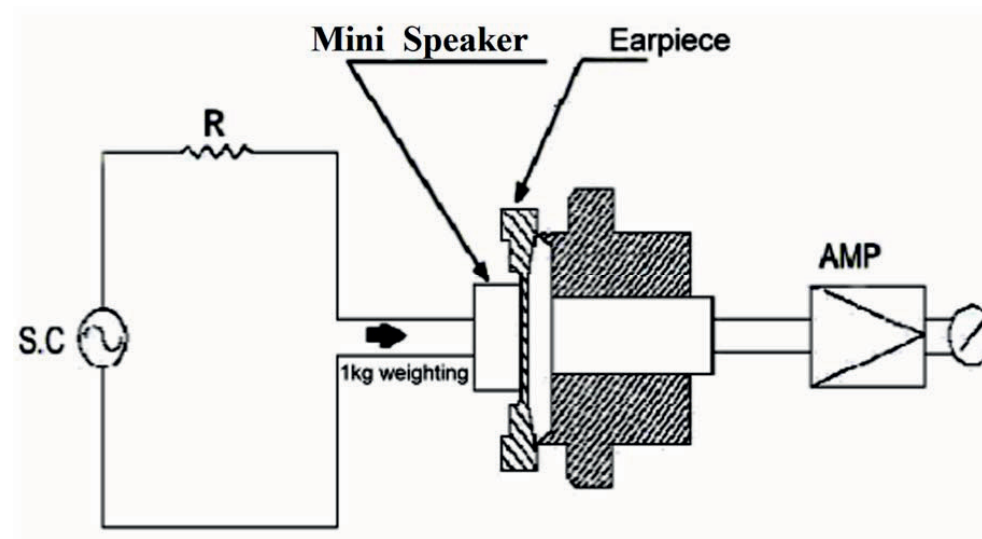
4. TESTING METHOD

. *Standard Measurement conditions*

Temperature: 25 ± 2 Humidity: 45-60%

. *Acoustic Characteristics*

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



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 +60 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 -20 ± 3 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 90%~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 2.0Wwhite noise is applied for 24 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>-20 to +60</i>