

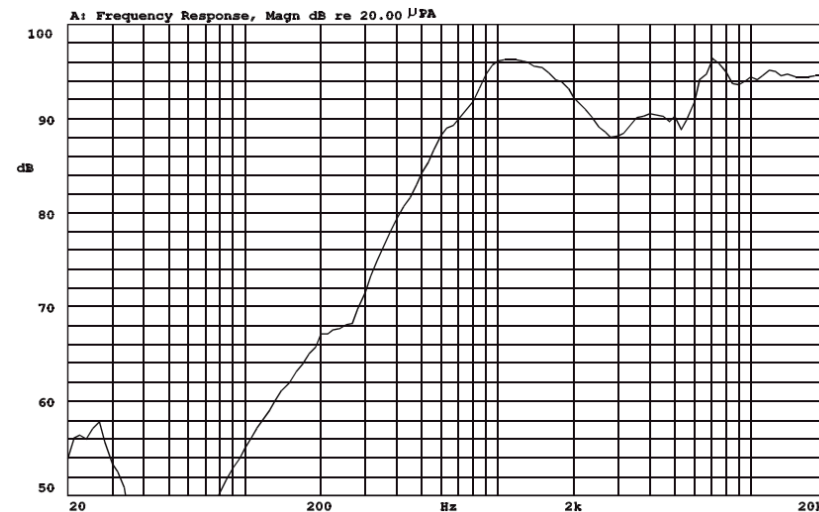
Mylar speaker

1. Electrical Characteristics

VER.:0

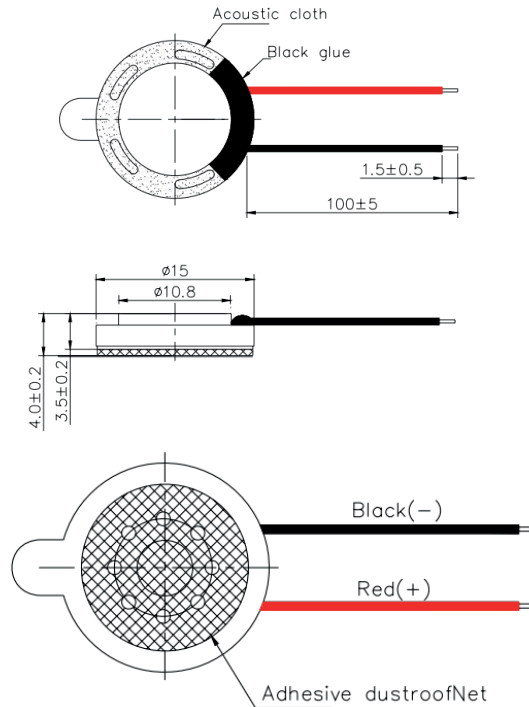
Voice Coil Impedance (Ω)	8 \pm 15%
Rated Input (W)	0.5W
Max. Input (W)	Must be normal at 0.8W for one minute
Lowest Resonance Frequency (Hz)(Fo)	1000 \pm 20%
Frequency Range (Hz)	F0-20KHZ
Output S.P.L (dB)	95 \pm 3/ at 0.5W 0.1m average at 1.0;1.2;1.5;2.0KHz
Magnet Weight (g)	1.3g

2. Frequency Response Curve



3 Dimensions and Material

3-1 Shape



Diaphragm: MYLAR
 Case: PBT
 Wire: UL1571 AWG28

Unit : mm

3-2 Material

Magnet	Ferrite Magnets
Weight (Gram)	1.3g
Size D*H (mm)	15*4.0

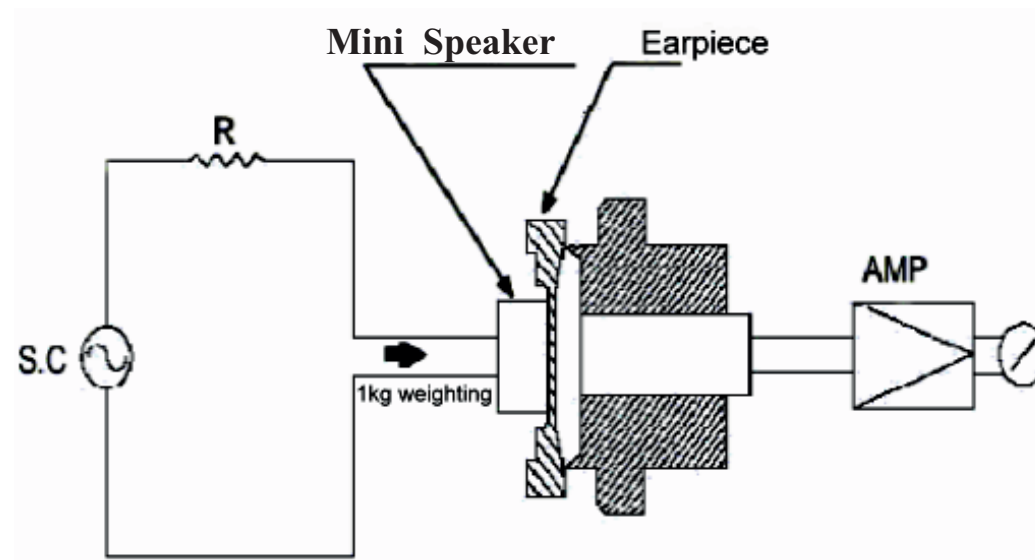
4. TESTING METHOD

. *Standard Measurement conditions*

Temperature: 18 ± 2 Humidity: 40-50%

. *Acoustic Characteristics*

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



5. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS
<i>High Temperature Test</i>	<i>Keep 16 hours at +50 ± 3 and leave 2 hours in normal temperature and then check.</i>
<i>Low Temperature Test</i>	<i>Keep 16 hours at -25 ± 3 and leave 2 hours in normal temperature and then check.</i>
<i>Humidity Test</i>	<i>Keep 96 hours at +40 ± 3 & relative humidity 90- 95% and leave 4 hours in normal temperature and then check.</i>
<i>Load Test</i>	<i>0.5W white noise is applied for 24hours and satisfy the tests listed on item Resonance Frequency (Fo), Sensitivity(S.P.L) , Appearance and Operation Test.</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 and then should satisfy the tests listed on item Operation Test.</i>
<i>Operating Test</i>	<i>-25 ~50</i>