

APPROVAL SHEET

Model No. : NS96-136-B29-B

Only No. : _____

Date : _____

Description: 9.6*13.6mm 8ohm

APPROVER	CHECKER	DESIGN
		富强

Please kindly make approval of our samples, And return this form by fax or airmail, Thanks for your kind attention and co-operation.

Customer Name: _____

Customer Model No: _____

CUSTOMER APPROVAL

NAC HOLDINGS LIMITED.

Tel:86-755-23341456 Fax: 86-755-23324431

Http://www.nacoustics.com sales@nacoustics.com



SPEAKER SPECIFICATION

Acoustic Specifications

声学规格书

Product Part Number 产品编号 NS96-136-B29-B

Product Picture 产品图片



Revision Record 修订记录

No. 序号	Date 日期	Description 修订原因	Revision 版本	Acoustics Engineer 声学工程师

Sample Number 样品流水号 _____

Datasheet Version 规格书版本:



目录 Contents

1. SCOPE AND FEATURES.....	4
2. ELECTRICAL AND ACOUSTICAL CHARACTERISTICS.....	4
3. GENERAL REQUIREMENTS.....	4
4. RELIABILITY TEST.....	5
5. MEASUREMENT BLOCK DIAGRAM & FREQUENCY RESPONSE CURVE.....	6
6. DIMENSIONS.....	7
7. PACKAGE.....	7

SPEAKER SPECIFICATION

1. SCOPE AND FEATURES.

This specification covers our product of speaker unit for various uses.

2. ELECTRICAL AND ACOUSTICAL CHARACTERISTICS.

ITEMS		COMMENTS
2.1	Impedance	8Ω± 15%(@2KHz,1 Vrms input)
2.2	Sensitivity (SPL) (in 1cc box)	83±3 dB (@1 Vrms/10cm at 2 kHz)
2.3	Total Harmonic Distortion Limits (in 1cc box)	<15% @700Hz ; <8%@1000Hz 1Vrms input <4% from 3K~10KHz 1Vrms input
2.4	Resonance Frequency	In Free Air,f0:520±120Hz In 1cc Box,f0:800±100Hz
2.5	Input Power (Normal/ Max) (in 1cc box)	300mW /800mW must be normal at a white noise (800mW) for one minute
2.6	Audible Noise (in 1cc box)	Must be free audible noise (buzzes and rattles) (500~10KHz frequency range ,input level up to 1.55Vrms)
2.7	Polarity	Diaphragm shall be move forward when applies a positive DC Current to the "+",the red wire is the "+"

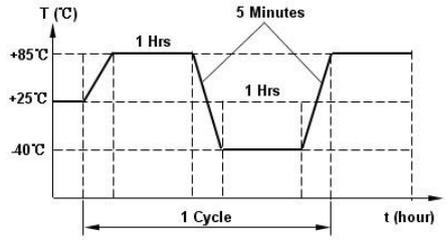
3. GENERAL REQUIREMENTS.

- 3.1 Weight: Appr 1.2g
- 3.2 Operating Temperature Range:
- 20°C to + 70°C without loss of function
- 3.3 Storage Temperature Range:
- 40°C to + 85°C without loss of function

SPEAKER SPECIFICATION

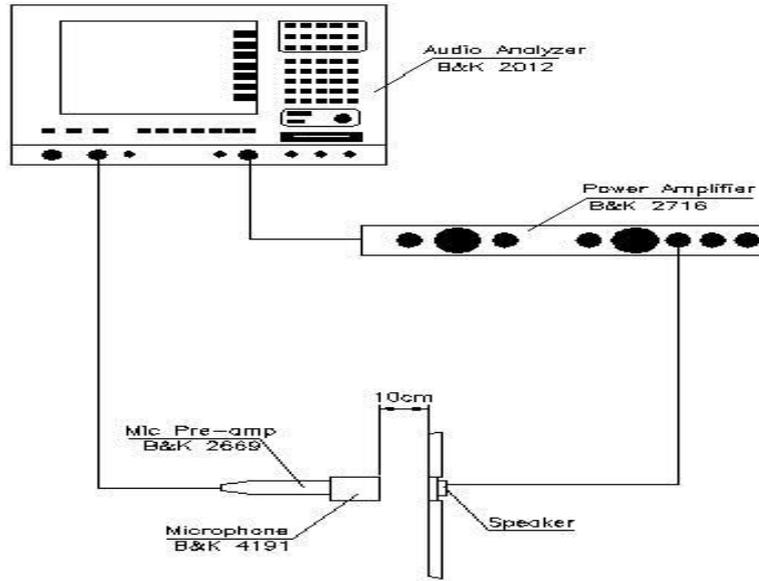
4. RELIABILITY TEST.

The sound pressure as specified shall neither deviate more than $\pm 4\text{dB}$ from the initial value, nor any significant damage after any of following testing.

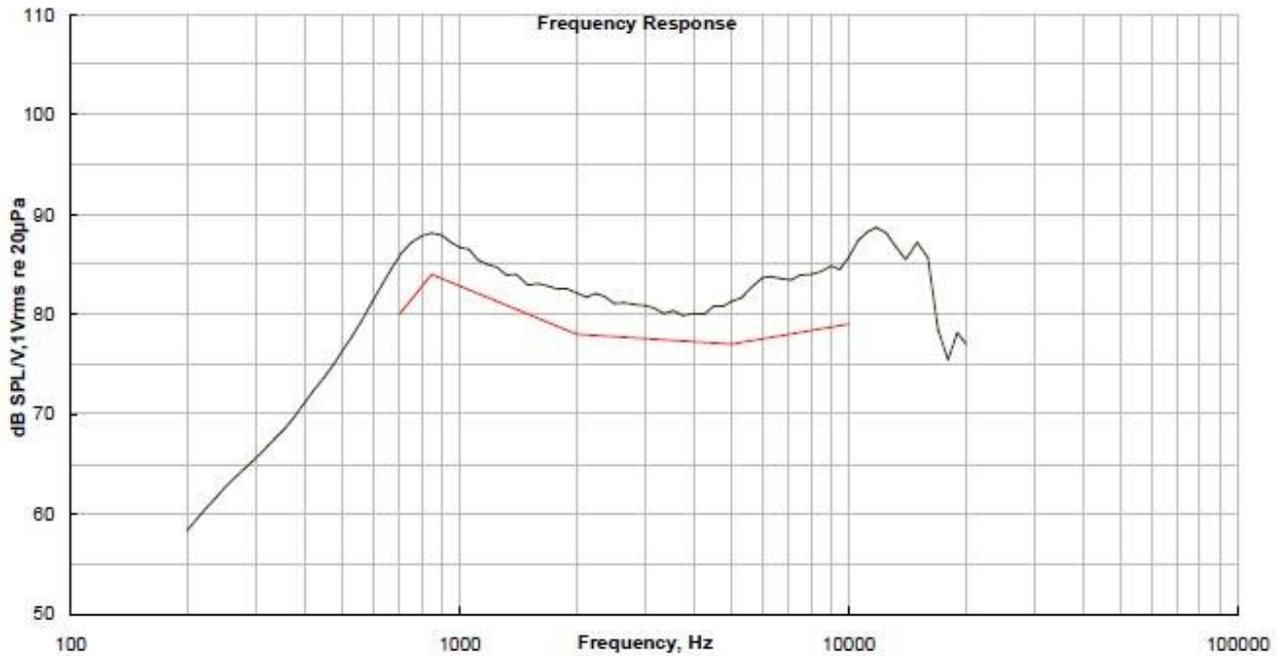
ITEMS		COMMENTS
4.1	Temperature Test	<p>High temperature: $+85\pm 3^\circ\text{C}$ Low temperature: $-40\pm 3^\circ\text{C}$ Duration: 1 hours Cycle: 10</p> 
4.2	Humidity Test	<p>Temperature: $+40^\circ\text{C}\pm 3^\circ\text{C}$ Relative Humidity: 90%~95%RH Duration: 96 hours (recovery 6 hours)</p>
4.3	Terminal Strength test	<p>Load : 1.0Kg Duration: 5sec. (Shall be normal)</p>
4.4	Vibration Test	<p>Sensitivity difference shall be within $\pm 3\text{dB}$ after test(at 1KHz) Frequency range :10-55 Hz amplitude:1.5mm Duration:2h in each of 3 axis</p>
4.5	Drop Test	<p>Sensitivity difference shall be within $\pm 3\text{dB}$ after test(at 1KHz) Height: 1.50M Cycle: 10cycles</p>
4.6	Load Test	<p>Sensitivity difference shall be within $\pm 3\text{dB}$ after test(at 1KHz) Signal: White Noise Input Power: 300mW Test Time: 72H</p>

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5. MEASUREMENT BLOCK DIAGRAM & FREQUENCY RESPONSE CURVE.



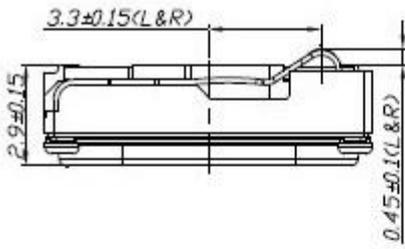
SPEAKER MODE BLOCK DIAGRAM



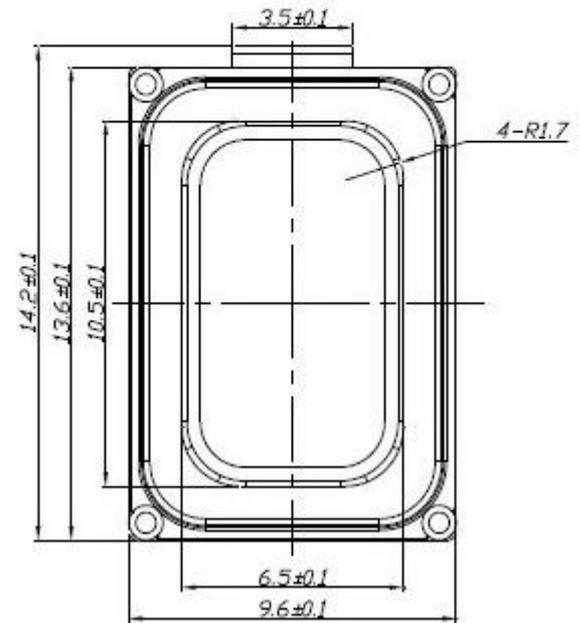
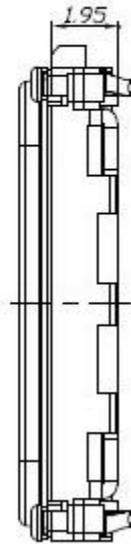
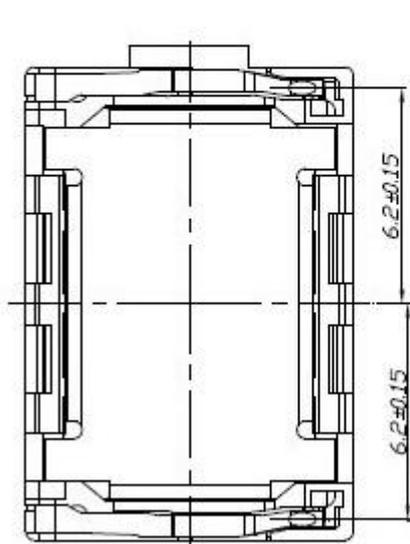
SPEAKER MODE FREQUENCY RESPONSE CURVE (in 1cc back volume)

SPEAKER SPECIFICATION

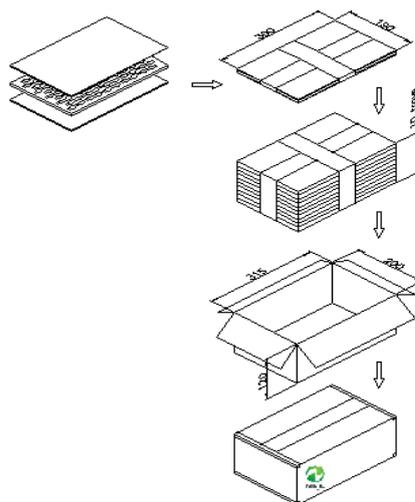
6. DIMENSIONS.



Unit:mm
 Unless otherwise specified: +/-0.15mm
 Spring force inside working area: 0.25-1.2N



7. Package.



Details

100pcs of speaker in each tray
 10 trays in one carton
 Total:1000 pcs / 1 carton
 Gross Weight: 3.0KGS
 Net Weight: 1.5 KGS