

SPECIFICATION

BLS13129-08H20 LF





SPECIFICATION FOR LOUDER SPEAKER

TOTAL PAGE

09

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RoHS

Preliminary Specification

Customer		Model Name	BLS13129-08H20 LF
Customer P/N		Product No.	121450
Date	Sep 13. 13	Issue No.	BS/TES01.1417A
Page	02 of 09	Issue Date	2013/09/13

Approval:

- 1.Characteristics
- 2.Drawing
- 3.Reliability Test
- 4.Packing
- 5.History Change Record

Drawn by	Checked by	Approved by	Customer approved
李召武	王 平	徐金国	

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文件号: BS/QDTE045B

BLS13129-08H20 LF

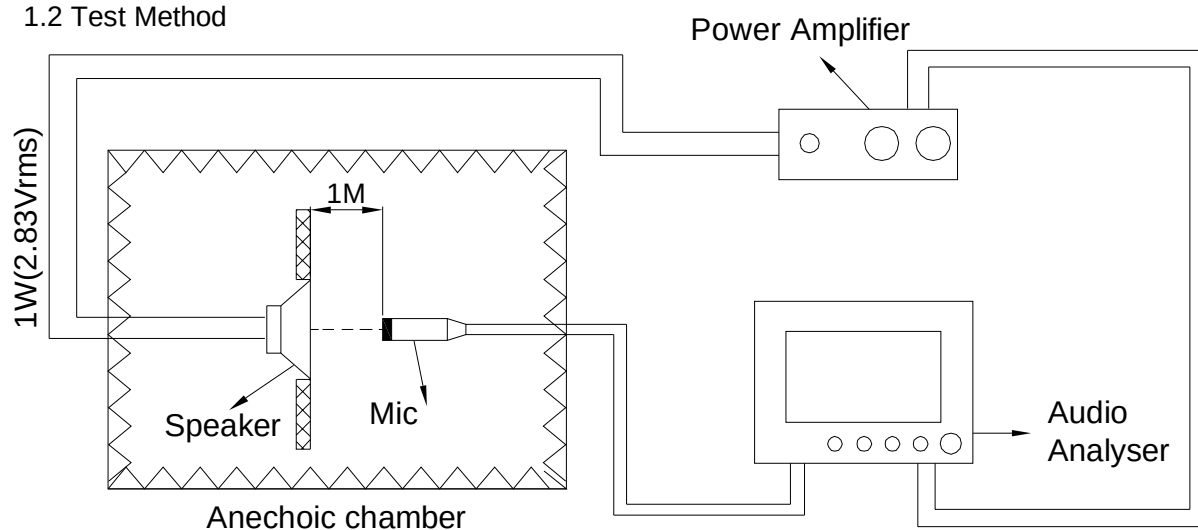
1.Characteristics

1.1 Electrical and Mechanical Characteristics



No.	Item	Specifications
1.	Size	L131*W29*H20(mm)
2.	Impedance at 1000Hz	$8 \pm 15\% \Omega$ (at 1K Hz)
3.	Rated input power	10W
4.	Maximum input power	12W
5.	Resonance frequency	$160 \pm 20\% \text{Hz}$ ($20^\circ\text{C} \pm 3$)
6.	Frequency Resonance	F0~20K
7.	S.P.L (1m/1w)	$75 \pm 3\text{dB}$ Ave at 200,500,800,1000,2000,3000,5000 Hz
8.	Buzz & Rattle	must be normal at sine wave 8.9Vrms
9.	THD (1m/1w)	$200 \sim 1000\text{Hz} \leq 10\%$, $1030 \sim 10\text{KHz} \leq 5\%$
10.	Polarity	Positive voltage to (+), the diaphragm move forward
11.	Operating temperature	$-25 \dots + 55^\circ\text{C}$
12.	Storage temperature	$-20 \dots + 70^\circ\text{C}$
13.	Outlook	must be normal

1.2 Test Method

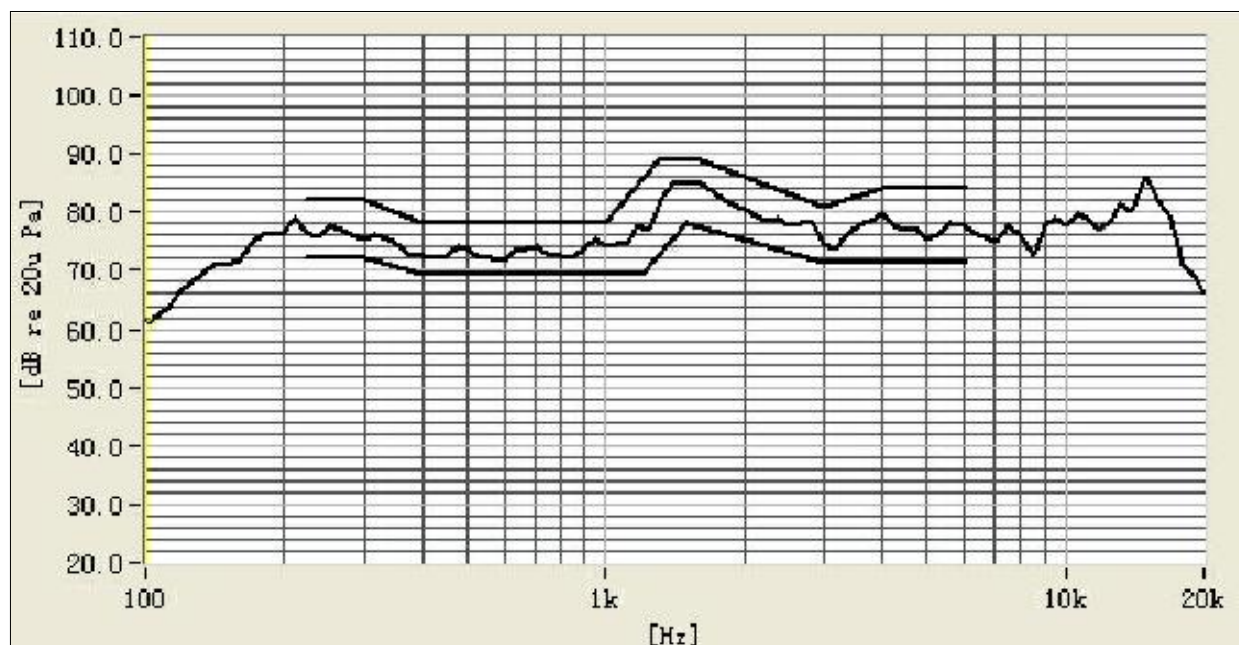


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A	2013/09/13	李召武		Checked by:	王 平	Speaker
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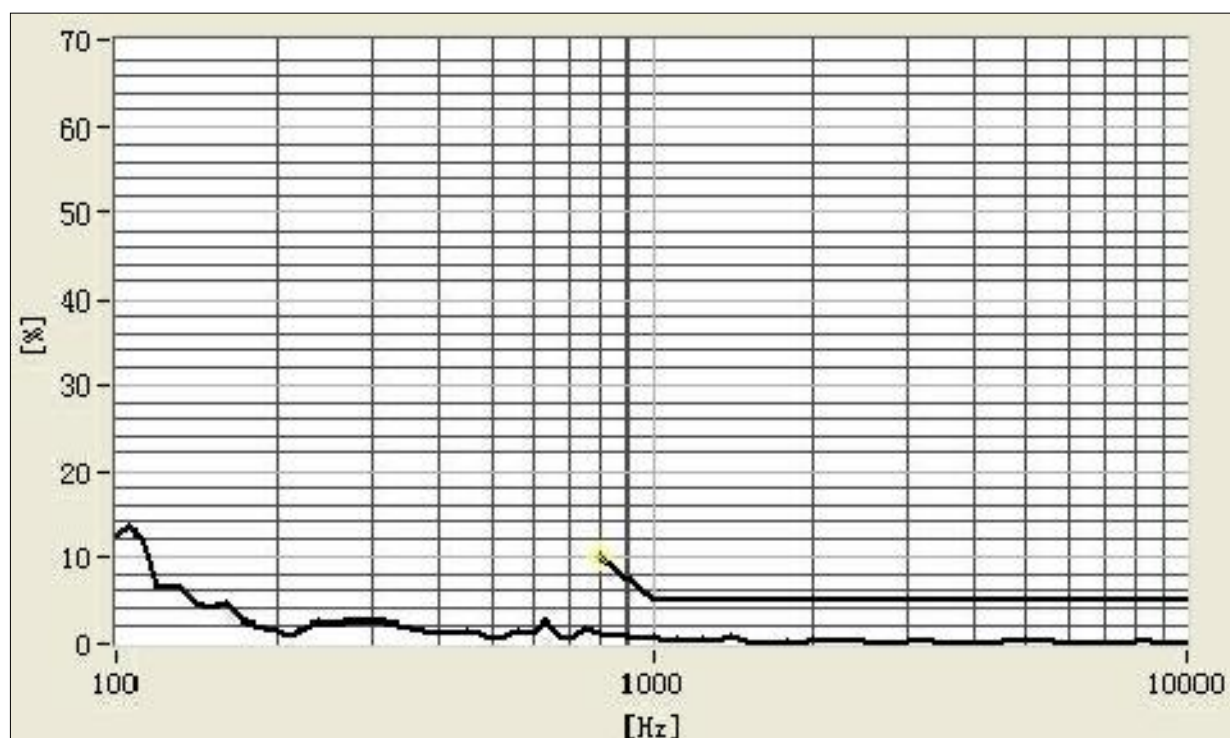
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1.3 Frequency Response Curve (only for reference)



1.4 Total Harmonic Distortion Curve (only for reference)

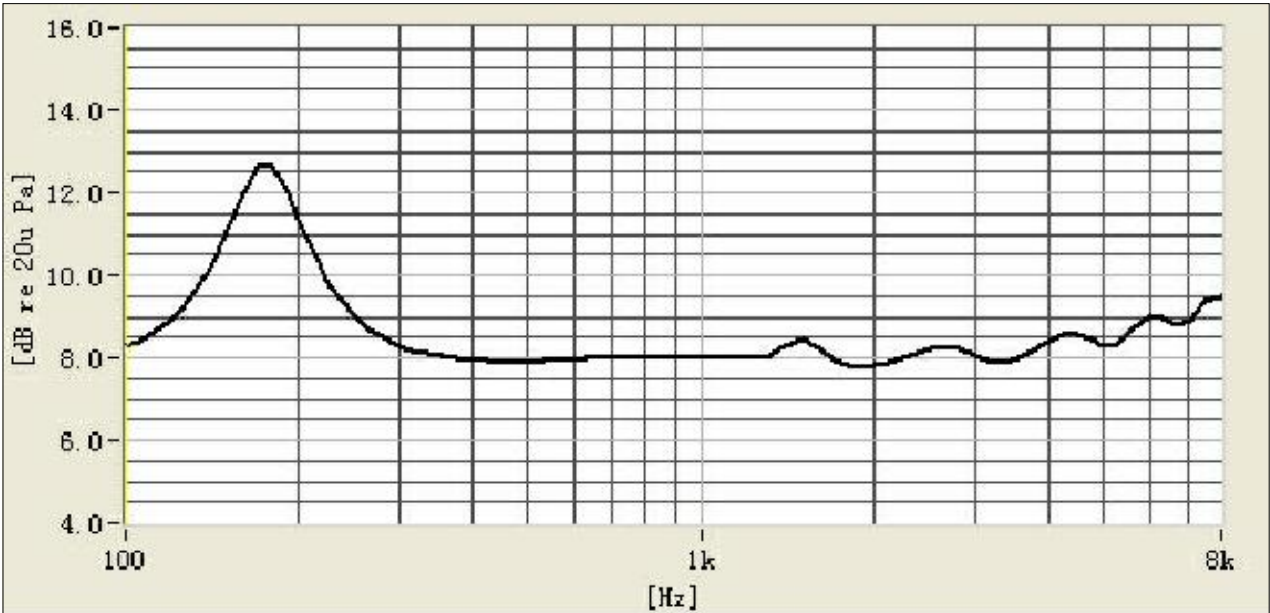


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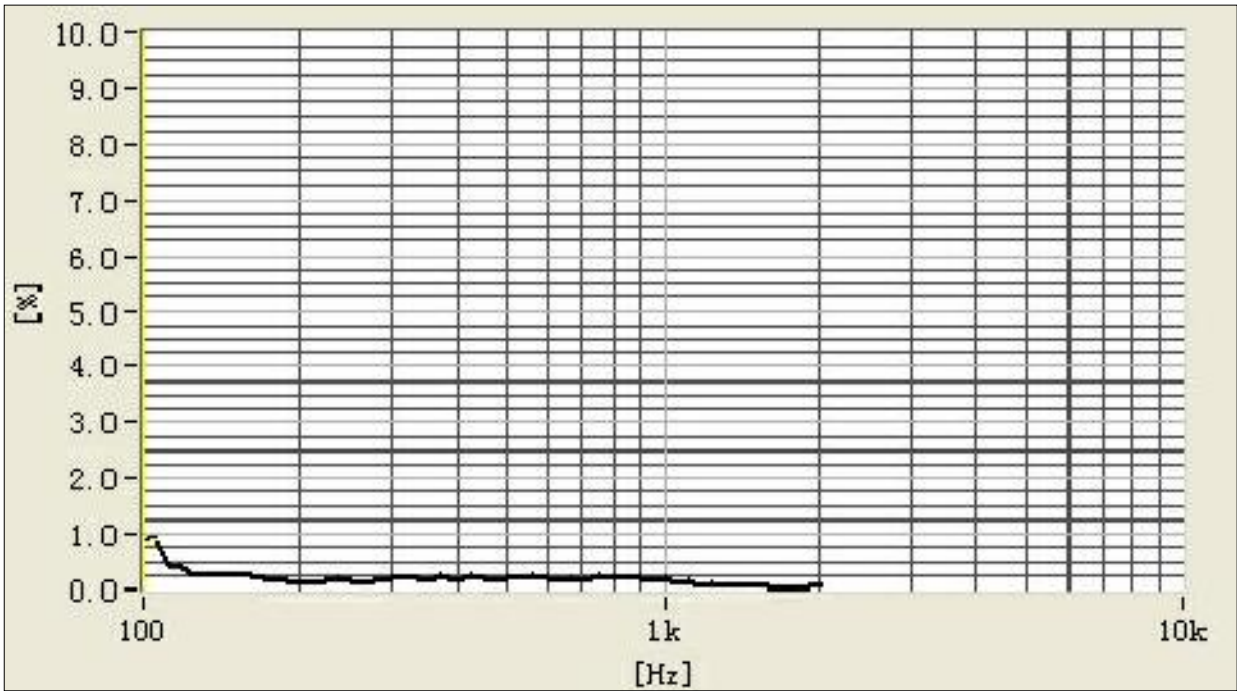
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1.5 Impedance Response Curve (only for reference)



1.6 Rub&Buzz -Active Curve(only for reference)



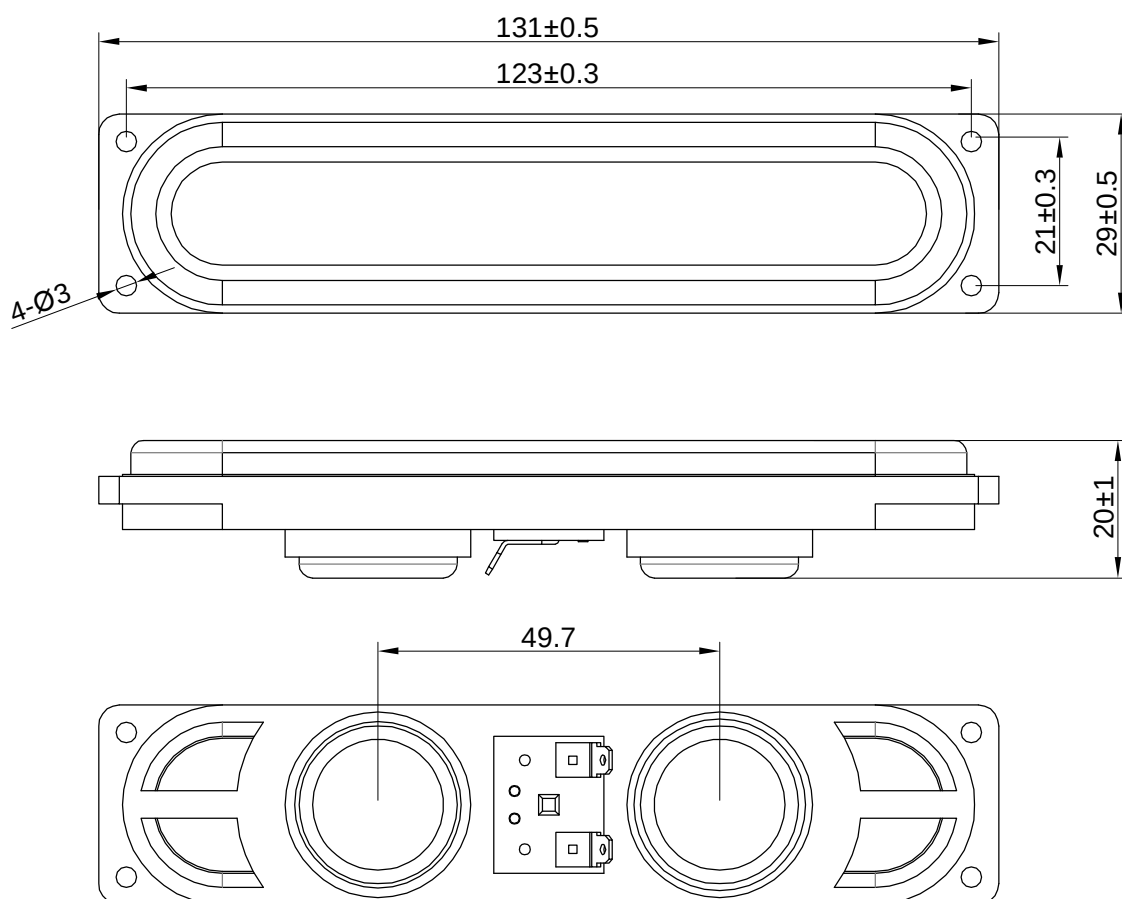
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2.Drawing

Unit:mm

Tolerance:±0.2



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BLS13129-08H20LF**3.Reliability Test****3.1 Load Test**

Power (Nom)

10W(white noise)

Duration

96hrs

3.2 High Temperature Test

Temperature

 $+55\pm 3^{\circ}\text{C}$

Duration

96hrs

3.3 Low Temperature Test

Temperature

 $-25\pm 3^{\circ}\text{C}$

Duration

96hrs

3.4 Damp Heat

Temperature

 $40\pm 2^{\circ}\text{C}$

Relative Humidity

92%-95%RH

Duration

96hrs

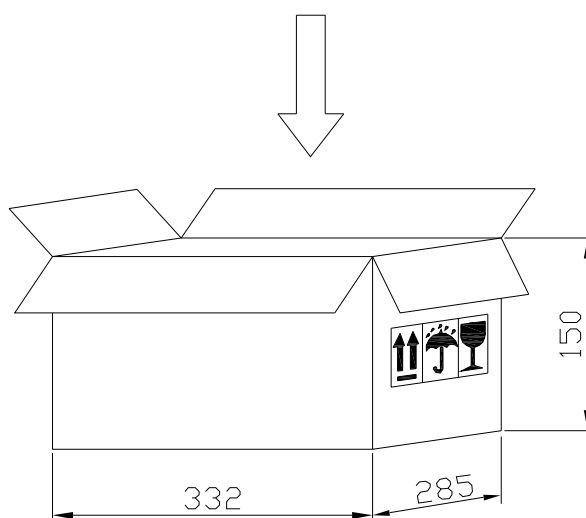
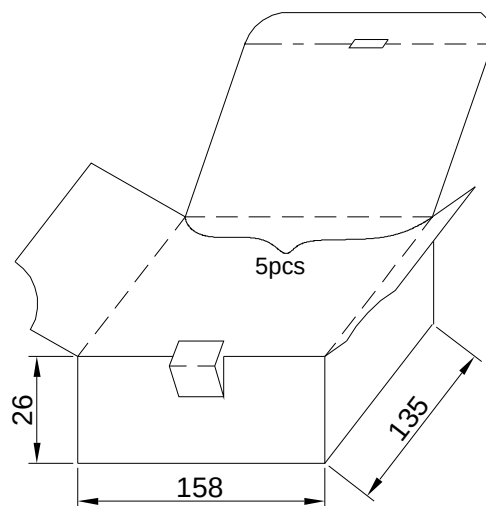
Notice:

1.After test leave at room temperature for 1 hours,SPL shall not deviate by $\pm 3\text{dB}$ from pre-test measurement ,and meet above spec.item 6,8,11

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4. Packing



Remark:
5 pcs per carton
4 cartons per layer
20 cartons per box
Total 100 pcs per box
Size: 332×285×150(mm)

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5. History Change Record

[illegible]

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