

SPECIFICATION

BLS2840-11-04H11.8W45 LF-02



	SPECIFICATION FOR DYNAMIC Speaker		
	TOTAL PAGE	07	www.be-star.com
			RoHS

Customer		Model Name	BLS2840-11-04H11.8W45 LF-02
Customer P/N		Product No.	120123
Date	14 Aug. 19	Issue No.	BS/TES01.1767A1
Page	01 of 07	Issue Date	2019/08/14

Approval:

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

Drawn by	Checked by	Approved by	Customer approved
高一凡	毛钰麒	徐 波	

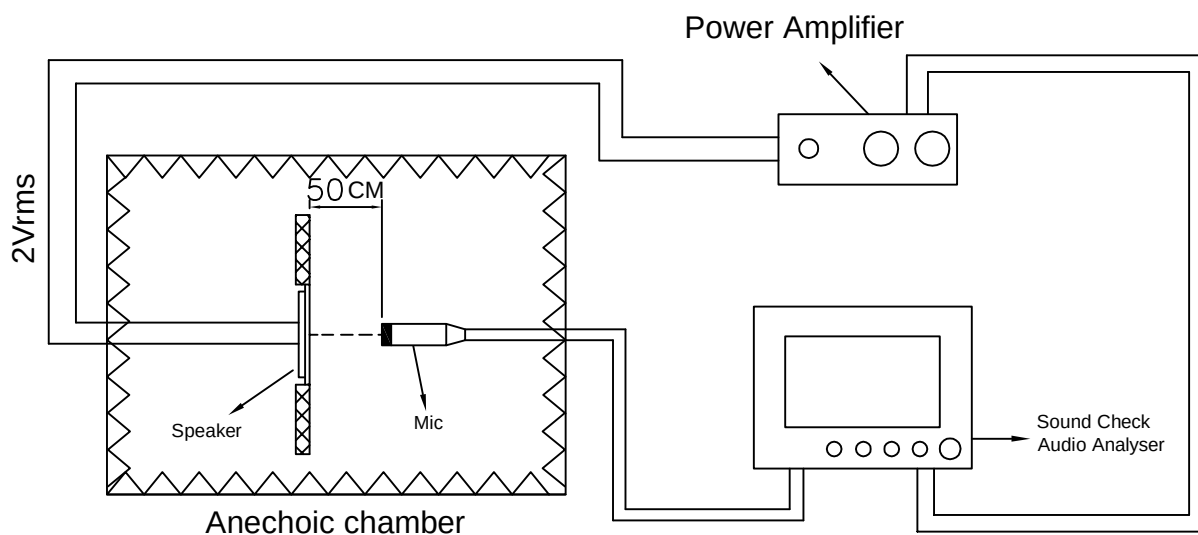
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BLS2840-11-04H11.8W45 LF-02

1. Technical Terms

No.	Item	Specification
1.	Impedance(at 2.0kHz)	4 ±15%Ω
2.	Rated Input Power	2.0W
3.	Maximum Input Power	3.0W
4.	Resonance Frequency	550 ±20%Hz
5.	Frequency Response	F0 ~ 20KHz
6.	Output SPL	84±3dB (0.5m/1W Ave at 0.8,1.0,1.2,1.5KHz)
7.	THD	≤5% (at 1KHz)
8.	Buzzes & Rattles	must be normal at sine wave2.83V between Fo ~ 4K Hz
10.	Operating Temperature	-40...+85 °C
11.	Storage Temperature	-40...+85 °C
12.	Weight	~13.5g

1.2 Test Method

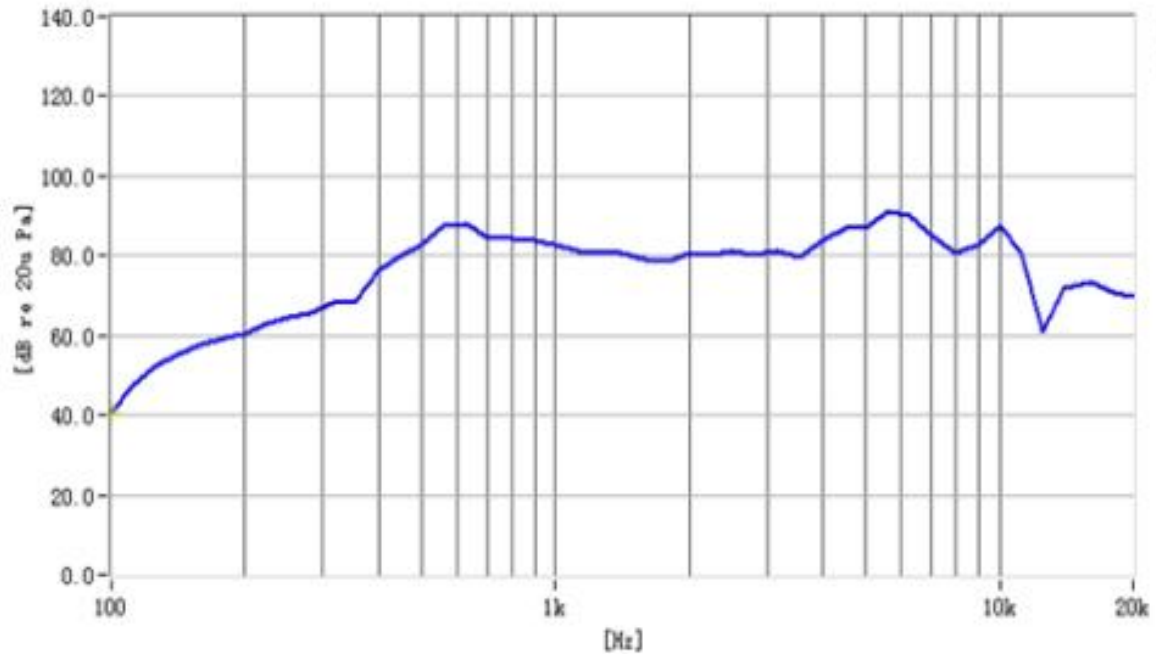


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				Drawn by:	高一凡	
A1	2019/08/14	高一凡		Checked by:	毛钰麒	Speaker
Rev.	Date	Drawn	Note	Approved by:	徐波	
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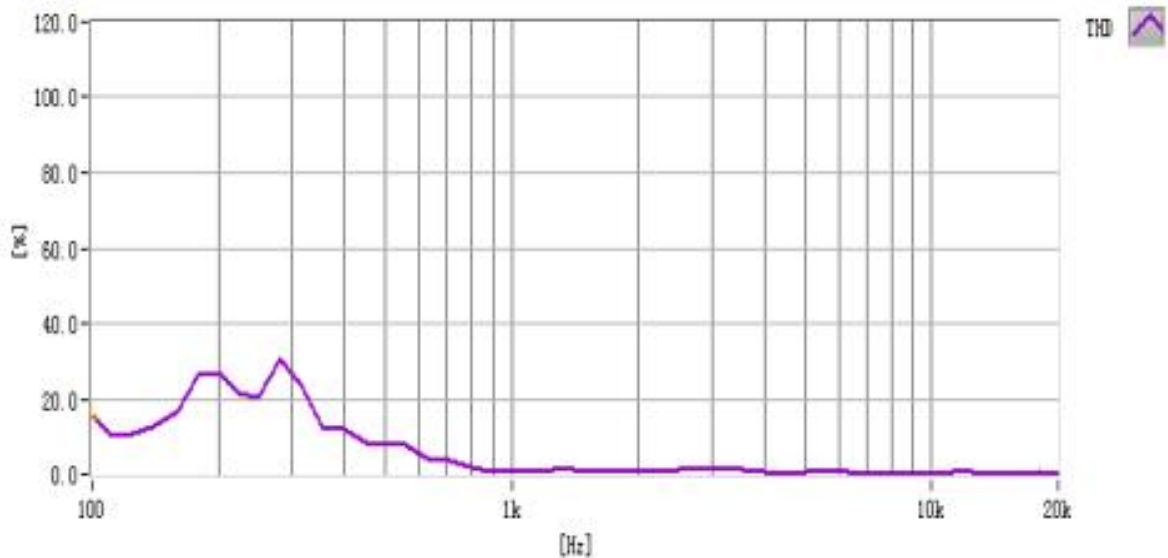
1.3 Frequency Response Curve (only for reference)

XY Graph 6



1.4 T H D(only for reference)

XY Graph 9

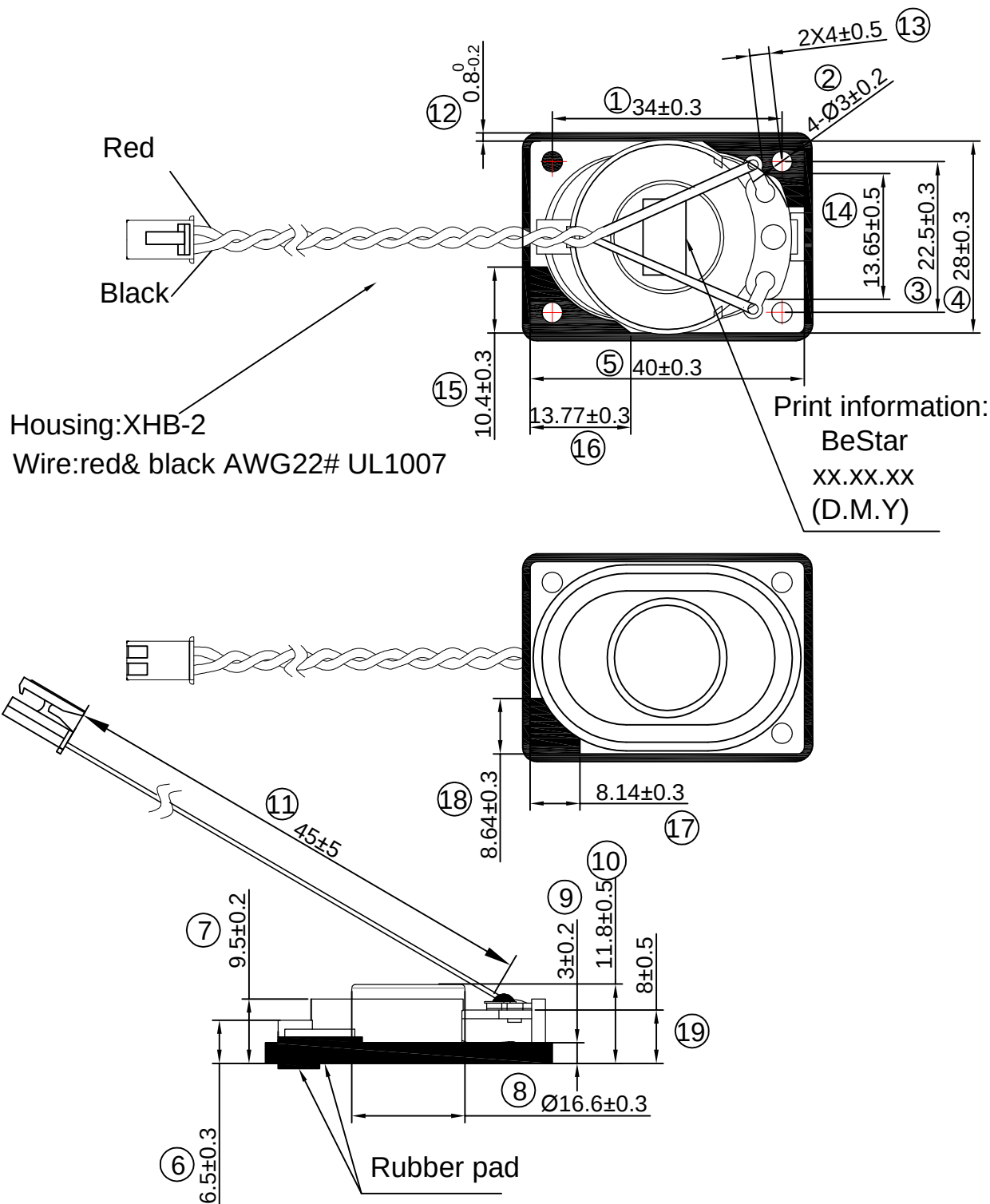


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2.Drawing



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3.Reliability Test

3.1 Load Test

Power 2W/300-3500Hz/white noise
Duration 96hrs

3.2 High Temperature Test

Temperature +85±3℃
Duration 96hrs

3.3 Low Temperature Test

Temperature -40±3℃
Duration 96hrs

3.4 Damp Heat

Temperature 85±3℃
Relative Humidity 85%RH
Duration 96hrs

3.5 High temperature loading test

Temperature +85±3℃
Power 2W/300-3500Hz/white noise
Duration 96hrs

3.6 Low temperature loading test

Temperature -40±3℃
Power 2W/300-3500Hz/white noise
Duration 96hrs

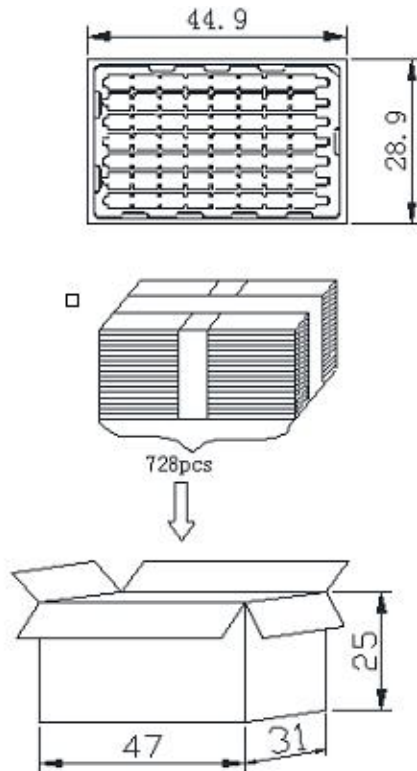
Notice:

- 1.All these tests above should be measured after leaving normal temperature for 2hrs.
- 2.sensitivity difference at 1kHz shall be within ±3dB from initial value after test.
- 3.The gluing on the speaker wires must fully cover the terminals

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						1	

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4.Packing



Packing quantity

- 1) 56pcs per tray,
- 2) 13 trays for unit,1 units per carton
- 3) Total:728pcs per carton
- 4) carton size: 47X31X25cm

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