

SPECIFICATION FOR DYNAMIC SPEAKER

Customer	
Customer P/N	
Bestar Model Name	BMS36-12-08H4.8 LF
Product No.	135118
Issue No.	BS/TES01.896A
Issue Date	08/04/14

Approval:

- 1.Characteristics
- 2.Frequency Response
- 3.Dimension
- 4.Reliability test
- 5.Packing
- 6.History change record

Drawn by	Checked by	Approved by	Customer approved

For conform to the European Union Directive on the Restriction of Hazardous Substances(RoHS), this type of productions forbid use all the hazardous substances as follow:

Lead
Cadmium
Mercury
Hexavalent chromium
Polybrominated biphenyls (PBB)
Polybrominated diphenyl ethers (PBDE)



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BMS36-12-08H4.8 LF



1. Characteristics

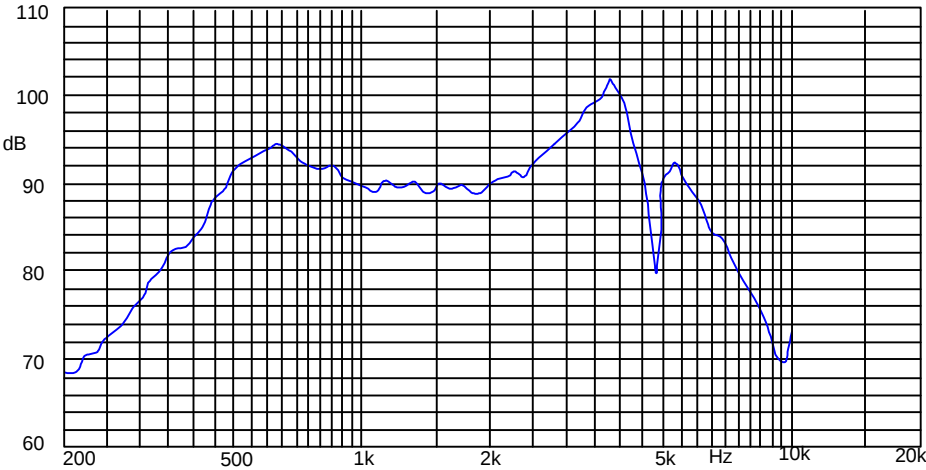
★Electrical and Mechanical Characteristics

No.	Item	Specifications
1	Nominal Impedance	8ohm $\pm$ 15% at 1kHz
2	Rated Power	0.5W
3	Maximum Power	1W
4	Resonance Frequency	700 $\pm$ 20%Hz
5	Frequency Response	fo ~ 5000Hz
6	Sound Pressure Level	94 $\pm$ 3 0.1W/0.1m (600Hz,800Hz,1kHz,2kHz in average)
7	Buzzes & Rattles	Must be normal at sine wave 2Vrms
8	Magnet	Nd-Fe-B
9	Frame Material	metal
10	Polarity	Positive voltage to (+), the diaphragm move forward
11	Operating Temperature	-25 ... +60° C
12	Storage Temperature	-25 ... +60° C

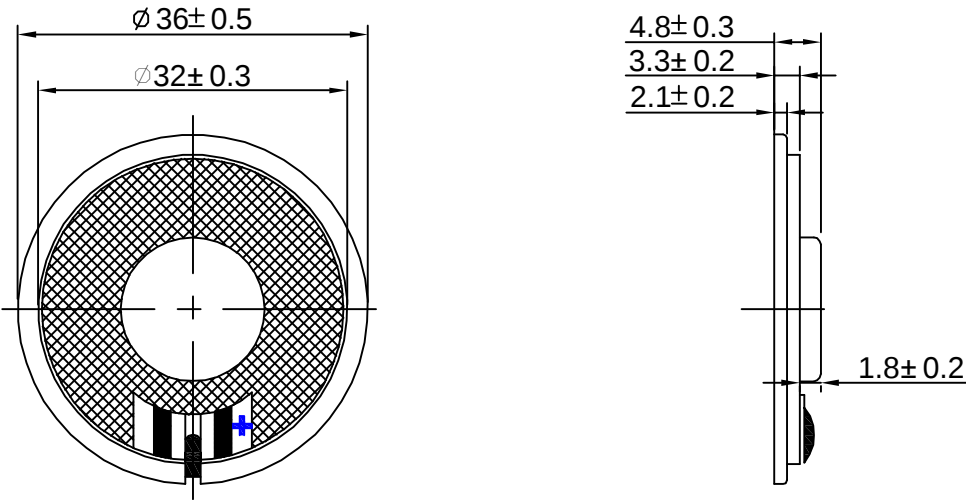
A				Date:	08/04/14	BMS36-12-08H4.8 LF					
				Drawn by:	汪风声						
	A	08/04/14	汪风声		Checked by:	莫丽丽	Speaker				
	REV.	Date	Drawn	Note	Approved by:	程久生					
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6		5		4		3		2		1	

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2.Frequency Response



3.Dimension



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4. Reliability test

4.1 Load Test

Power

Input power 0.5W, with noise

Duration

96hrs

4.2 Heat Test

Temperature

 $+60 \pm 2^{\circ} \text{C}$

Duration

96hrs

4.3 Cold Test

Temperature

 $-25 \pm 2^{\circ} \text{C}$

Duration

96hrs

4.4 Moisture Test

Temperature

 $+60 \pm 2^{\circ} \text{C}$

Relative Humidity

90 %-95%RH

Duration

96hrs

4.5 Temperature Shock Test

Low Temperature

 $-20 \pm 2^{\circ} \text{C}$

High Temperature

 $+60 \pm 2^{\circ} \text{C}$

Times

12

Duration

4hrs

4.6 Drop Test

Height

1m

Direction

x .y&z 3 axis

Dropped onto a 5mm thickness board contained packing

★ Evaluation Standard

After each test of 4.2 to 4.5, speakers should be measured after 6hrs exposed in normal temperature.

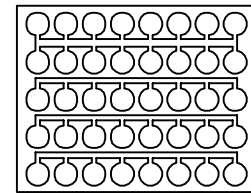
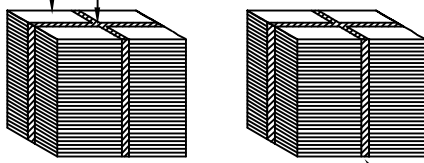
After each test, All specification must be satisfied in this condition.

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A	A	08/04/14	汪凤声	Checked by:	莫丽丽	Speaker	
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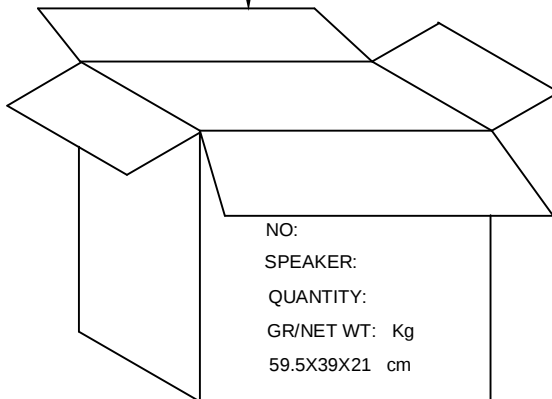
5. Packing

Cardboard
(370×287.5) adhesive tape



40pcs

15 trays per bundle
40 pcs per tray
40×15=600pcs per bundle



NO:
SPEAKER:
QUANTITY:
GR/NET WT: Kg
59.5X39X21 cm

Remark:
40 pcs per tray
15 pcs trays per bundle
2 bundles per carton
1200 pcs per carton
Size: 59.5X39X21(cm)

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6. History change record

[illegible]

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