SPECIFICATION FOR DYNAMIC SPEAKER

Customer	
Customer P/N	
BeStar Model Name	SMS1515-08H04 LF
Product No.	138700
Issue No.	BS/TES01.529A
Issue Date	06/01/03

Approval:

- 1.Characteristics
- 2.Drawing
- 3. Reliability Test
- 4.Reflow condition
- 5. Tape on Reel Packing
- 6.MSL rating and Notice
- 7. History change record

Drawn by Checked by		Approved by	Customer approved			
周庆阳	王善梅	郭 敏				

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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SMS1515-08H04 LF

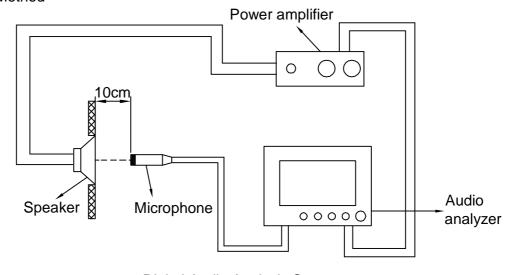
1. Characteristics

1.1 Electrical and Mechanical Characteristics



No.	Item	Specifications			
1.	Dimensions	Please refer to profile drawing			
2.	AC Impedance	8 ohm±20% at 2KHz			
3.	Resonance Frequency	800±15%Hz			
4.	Rated Power	0.5W(2Vrms)			
5.	Maximum Power	0.8W(2.53Vrms)			
6.	Sound Pressure Level	ound Pressure Level 87±3dB/0.5W/10cm			
		at 1k,1.6k,2k,3.2kHz average			
7.	Buzzes&Rattles	Must be normal at sine wave 2Vrms			
8.	Total Hamonics Distortion	Max.5%			
9.	Frequency Response	Refer to the attached figure			
10.	Operating Temperature	-30~+85°C			
11.	Storage Temperature	-40~+105°C			
12.	Weight	~1.5g			

1.2 Test Method



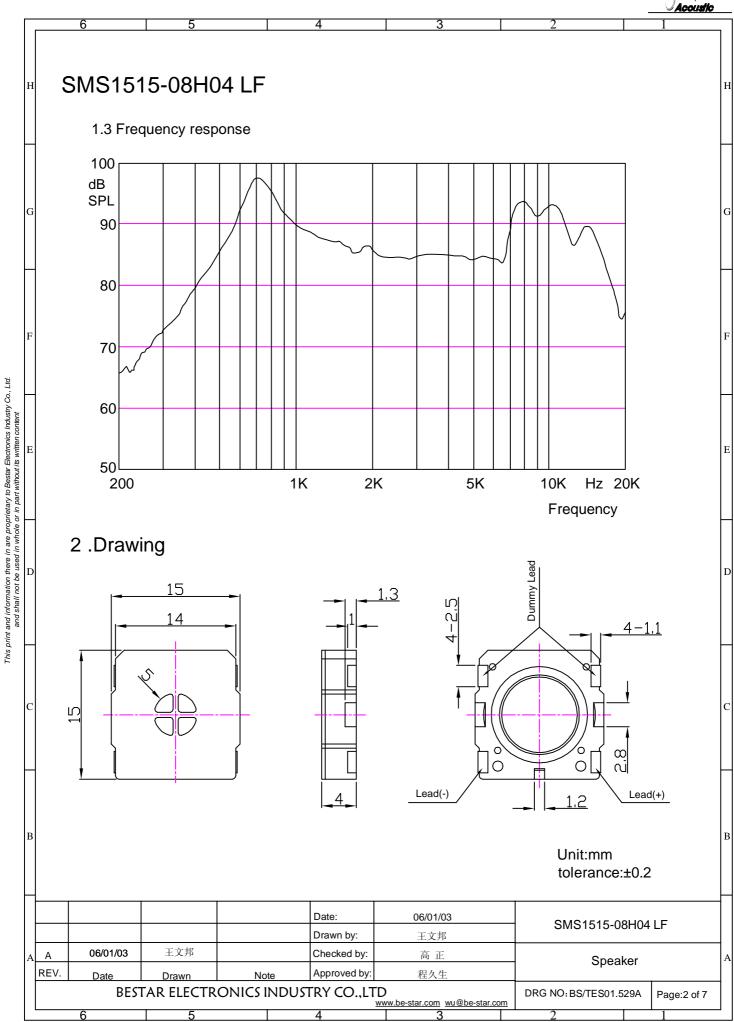
	Digital A	Audio <i>A</i>	Analysis	s System
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					Drawn by:	王文邦	SMS1515-0	8HU4	LF	
A	Α	06/01/03	王文邦	Speaker						
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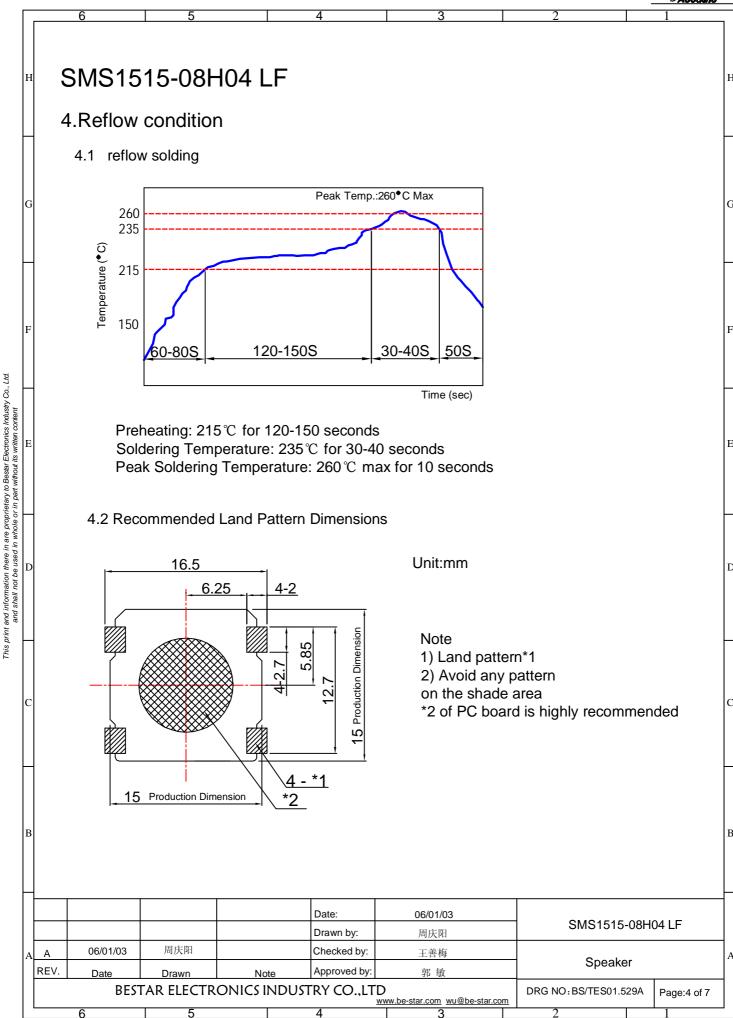
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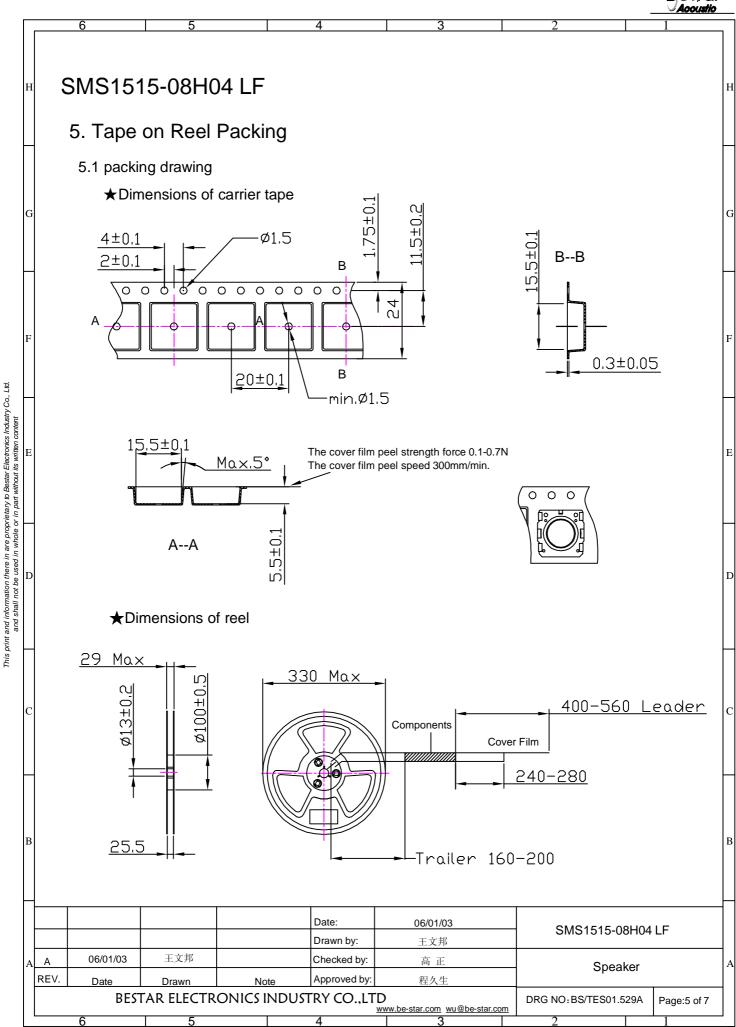




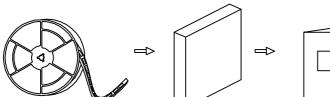


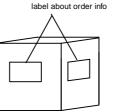








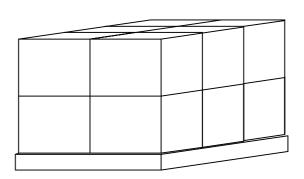






5.2 packing quantity

- 5.21 600pcs/reel
- 5.22 5reel/carton
- 5.23 3000 pcs/carton in total
- 5.24 carton size 38x28x37cm
- 5.25 12carton/tray
- 5.26 tray size 85x77x74cm



6.MSL rating and Notice

Moisture Sensitivity Level and Floor Life

Level	Floor Life(out of bag) at Factory Ambient ≤30° C/85% RH or as Stated
3	168 hours

6.1 The products mustn't be washed

6.2 Storage Condition

The products should be stored in the room ,where the temperature/humidity is stable.

And avoid such places where there are large temperature changes.

Please store the products at the following conditions:

Temperature: -10 to +40°C Humidity: 15 to 85% R.H.

6.3 Expire Date on Storage

Expire date (Shelf life) of the products is six months after deliveried under the conditions of a sealed and an unopened package. Please use the products within six months after deliveried. If you store the products for a long time (more than six months), use carefully because the products may be degraded in the solderability and/or rusty.Please confirm solderability and characteristics for the products regularly.

6.4 Notice on Product Storage

- (1) Please do not store the products in a chemical atmosphere (Acids, Alkali, Bases, Organic gas, Sulfides and so on), because the characteristics may be reduced at quality, and/or be degraded in the solderability due to the storage in a chemical atmosphere.
- (2) Please use the products immediately after the package is opened, because the characteristics may be reduced at quality, and/or be degraded in the solderability due to storage under the poor condition.
- (3) Please do not drop the products to avoid cracking of ceramic element.

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			Date: 06/01/03						SMS1515-08H04 LF			
				Drawn by: 周庆阳					SWG1313-001104 EI			
L	A	A 06/01/03 周庆阳 Checked by: 王善梅 REV. Date Drawn Note Approved by: 郭 敏							Speaker			
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SMS1515-08H04 LF 7. History change record Change Items version Date Drawn Approved No. Before Α 06/1/3 周庆阳 郭敏 This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without is written confent Date: 06/01/03 SMS1515-08H04 LF Drawn by: 周庆阳 周庆阳 06/01/03 Checked by: 王善梅 Α Speaker REV. Approved by: 郭 敏 Note Drawn BESTAR ELECTRONICS INDUSTRY CO.,LTD DRG NO:BS/TES01.529A Page:7of 7 www.be-star.com wu@be-star.com