

APPROVAL SHEET FOR SMARTPHONE SPEAKER

TOTAL PAGE 08 www.bestargroups.com

RoHS

Customer		Model Name	BMS2209-11C-08H3.7 LF
Customer P/N		Product No.	139502
Date	23 Aug. 2016	Issue No.	BS/TES01.861C
Page	01 of 08	Issue Date	2016/08/23

Table of Contents:

- 1.Test Climatic Condition
- 2.Description
- 3. Characteristics
- 4.Test Setup
- 5.Drawing
- 6.Reliability Test
- 7.Packing
- 8. History Change Record

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BMS2209-11C-08H3.7 LF

1.Test Climatic Condition

- 1.1 Ambient Temperature :15°C~35°C,Preferably at 20°C
- 1.2 Relative Humidity:25% to 75%
- 1.3 Air Pressure:86kPa~106kPa

No.	Item	Specification			
1.	Dimension	22 x 9 x3.7 (mm)			
2.	AC Impedance	8 Ω ±15% at 2KHz			
3.	Rated Input Power	0.5W			
4.	Maximum Input Power	1.0W			
5.	Resonance Frequency	900Hz ±20%			
6.	Frequency Response	F0~20KHz			
7.	S.P.L	90±3dB/0.5W /10cm at 2.0KHz			
8.	T.H.D	<=18% (0.5W,850~3KHz)			
9.	Buzzes & Rattles	Must be normal at sine wave 2.0Vrms			
10.	Operating Temperature	-20~+ 70°C			
11.	Storage Temperature	-40~+ 85°C			
12.	Polarity	Positive voltage to (+),Diaphragm moves forward			
13.	Weight	~1.5g			

2.Description

- 2.1 Acoustic component Performance Specification
- 2.2 The present document specifies performance requirements for the acoustic characteristics of speaker

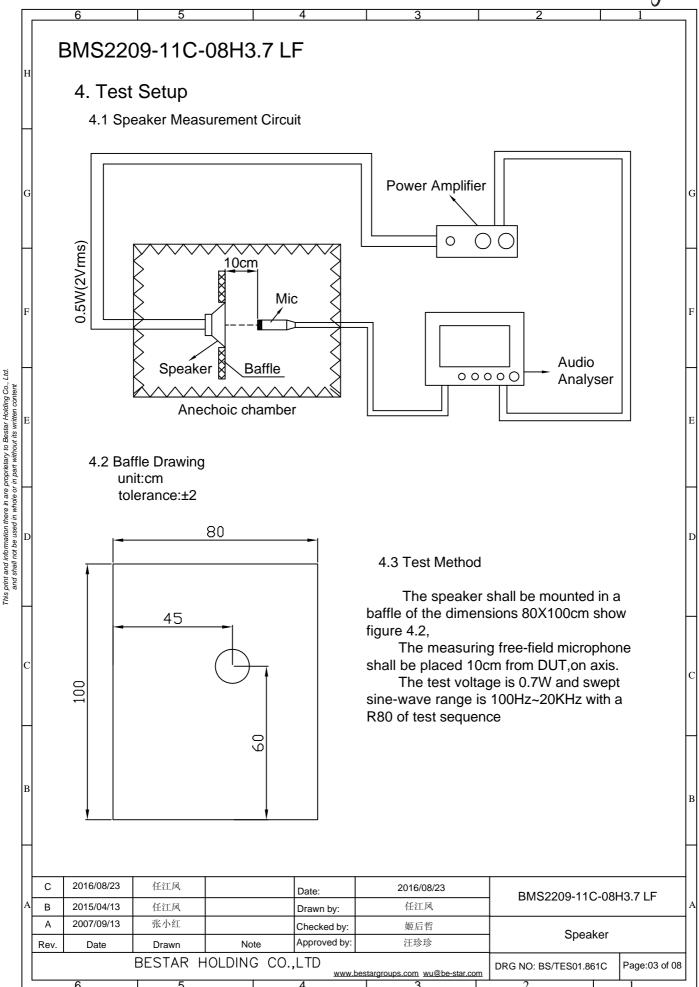
3. Characteristics

3.1 Electrical and Mechanical Characteristics

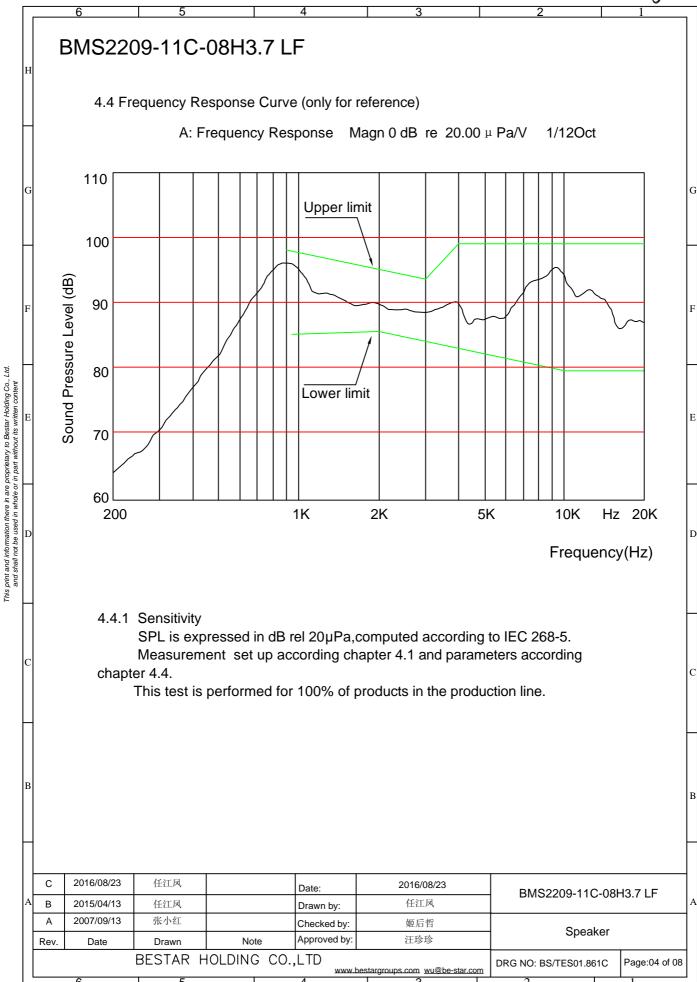
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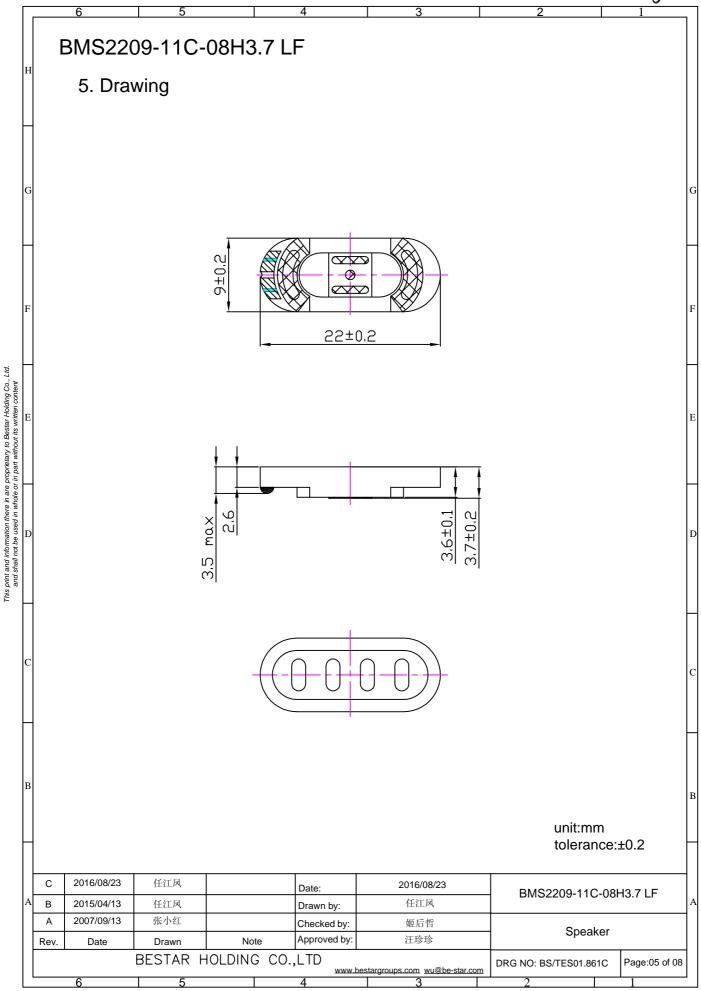










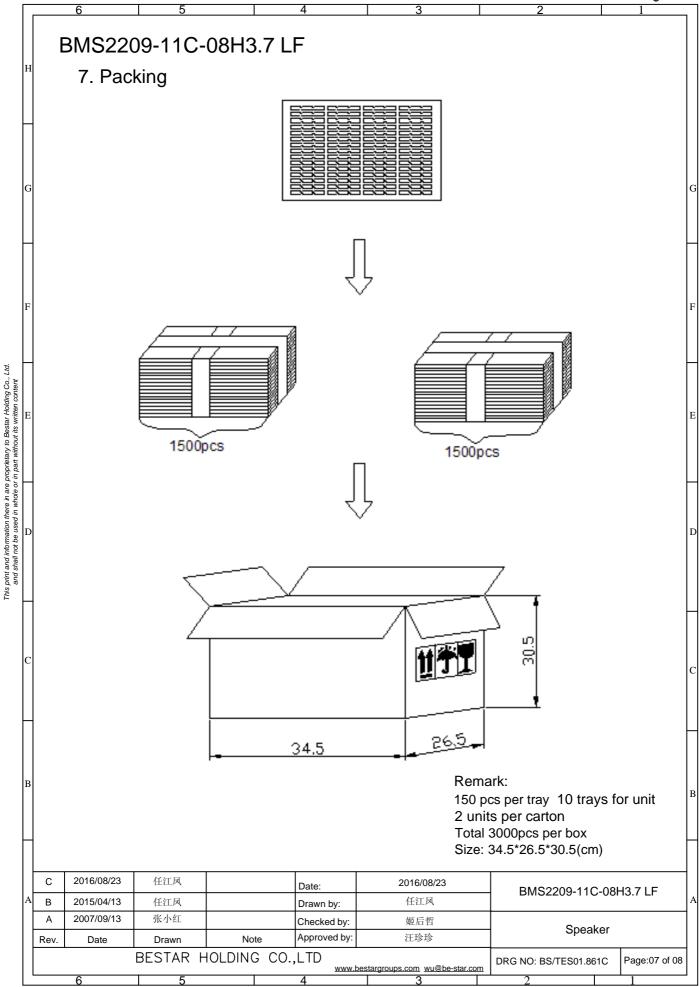




BMS2209-11C-08H3.7 LF 6. Reliability Test 6.1 Load Test 0.5W(pink noise) Power (Nom) Duration 96hrs 6.2 High Temperature Test +80±3°C Temperature Duration 96hrs 6.3 Low Temperature Test Temperature -40±3°C Duration 96hrs 6.4 Damp Heat 40±3°C **Temperature** 90%-95%RH Relative Humidity Duration 96hrs 6.5 Temperature Cycle Test This print and information there in are proprietary to Bestar Holding Co., Ltd. and shall not be used in whole or in part without its written content Cycles 10 T(°C) +70 +25 -20 t (hrs) 1hrs 1hrs 1hrs 1 cycles 6.6 Drop Test Height 100cm (in state of packing) Times 10 (Drop onto hardwood board) Notice: 1.Immediately after reliability test, the samples shall be stored under climatic conditions such as normally exist in ordinary rooms or laboratories. Unless otherwise noted, the recovery period shall be 4hrs at least before performance testing. 2. After reliability test ,all samples must be meet the requirements specified 3. Sensitivity difference at F0~5.0KHz shall be within ±3dB from initial value after test.

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BMS2209-11C-08H3.7 LF 8. History Change Record Change Items version Date Drawn Approved No. Before After Α 2006/09/13 王文帮 陈久生 任江凤 汪珍珍 2015/04/13 В Change the package. 任江凤 汪珍珍 С 2016/08/23 This print and information there in are proprietary to Bestar Holding Co., Ltd. and shall not be used in whole or in part without its written content 2016/08/23 任江凤 2016/08/23 Date: BMS2209-11C-08H3.7 LF 2015/04/13 任江凤 任江凤 В Drawn by: 2007/09/13 Α 张小红 姬后哲 Checked by: Speaker 汪珍珍 Note Approved by: Rev. Drawn Date BESTAR HOLDING CO.,LTD DRG NO: BS/TES01.861C Page:08 of 08 www.bestargroups.com wu@be-star.com