

## SPECIFICATION FOR DYNAMIC SPEAKER

TOTAL PAGE | 09 | www.bestargroups.com

# Preliminary Specification For The Acoustic Characteristics of Dynamic Speaker

Customer		Model Name	SMS2020-08H4.5 LF
Customer P/N		Product No.	138707
Date	06 Jul. 2018	Issue No.	BS/TES01.990C
Page	01 of 09	Issue Date	2018/07/06

### Approval:

- 1.Description
- 2. Characteristics
- 3.Drawing
- 4. Reliability Test
- 5. Reflow Condition
- 6. Tape on Reel Packing
- 7. History Change Record

Drawn by	Checked by	Approved by	Customer approved

#### BESTAR HOLDING CO.,LTD

No.199 HuangHe West Road, New district, ChangZhou, JiangSu Province, P.R. China

**Tel:** +86 519 88222567 **Fax:** +86 519 88222551

#### SMS2020-08H4.5 LF

#### 1.Description

- 1.1 Upper sound port
- 1.2 Reflowable(Conforms to EIAJ ED-4702)
- 1.3 Flat frequency response with a greater sound volume
- 1.4 Excellent durability in severe environment(storage temperature: -40°C to +105°C)

DRG NO: BS/TES01.990C

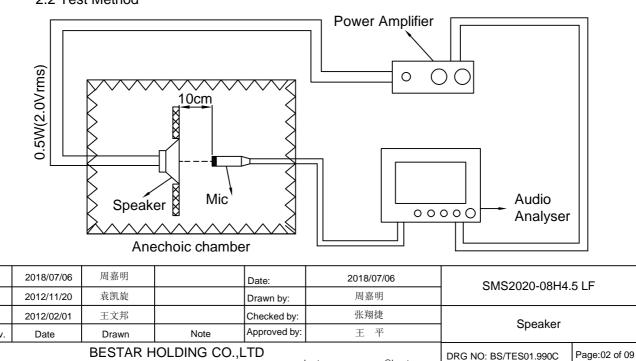
#### 2.Characteristics

2.1 Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Dimension	20 x 20 x 4.5 (square)
2.	AC Impedance	8 Ω±20%( at 2KHz,0.5V)
3.	Rated Input Power	0. 5W(2.0Vrms)
4.	Max Input Power	1.0W(2.83Vrms)
5.	Resonance Frequency	850 ±100Hz
6.	S.P.L	93±3dB/0.5W/0.1m at 0.8~3.0KHz average
7.	THD	800Hz≤10%,800-1.5KHz slope from 10%,
		1.5K-8KHz≤10%
8.	Buzzes & Rattles	Must be normal at sine wave 2.0Vrms
9.	Polarity	Positive voltage to (+),Diaphragm moves forward
10.	Operating Temperature	-40~+ 85°C
11.	Storage Temperature	-40~+ 105°C
12.	Weight	~3 .0g

#### 2.2 Test Method

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

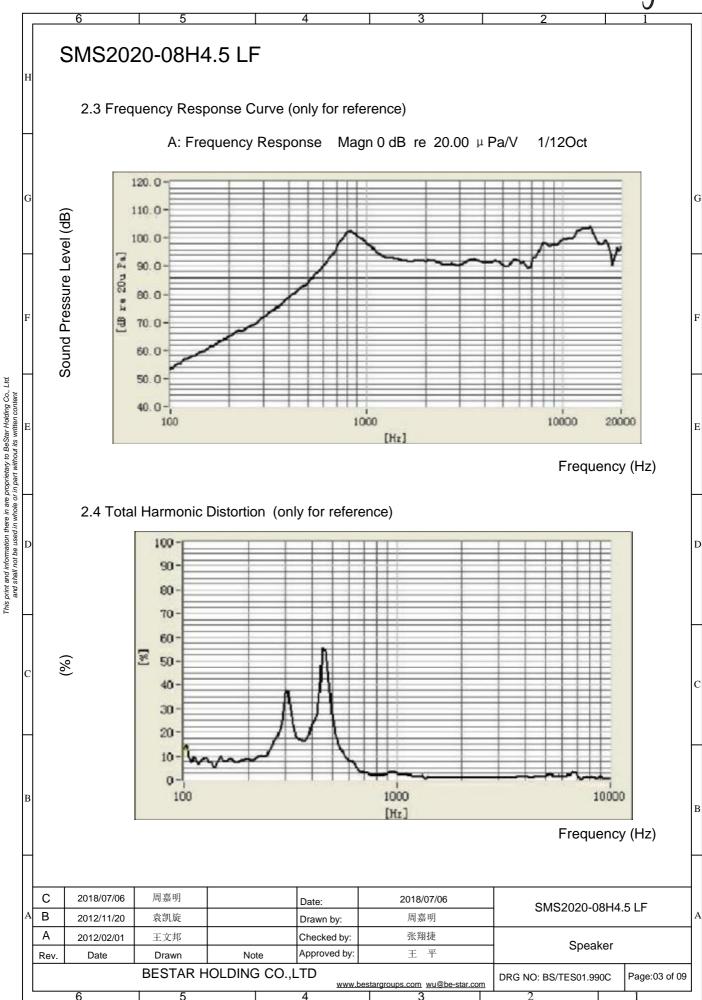


www.bestargroups.com wu@be-star.com

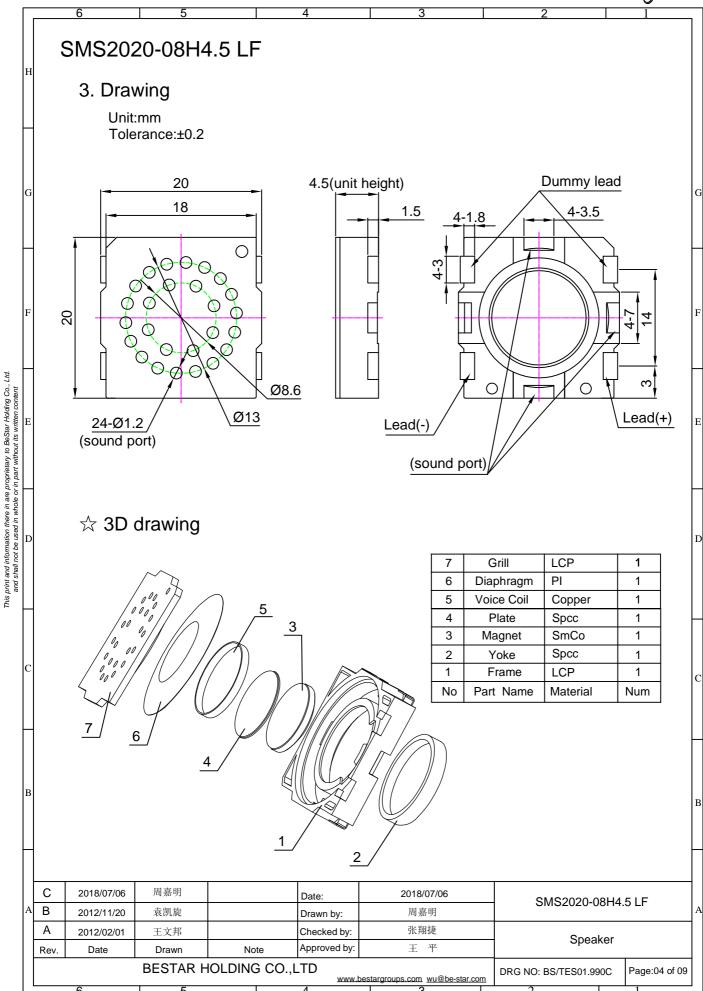
С

В

Α



文件号: BS/QDTE045B



文件号: BS/QDTE045B

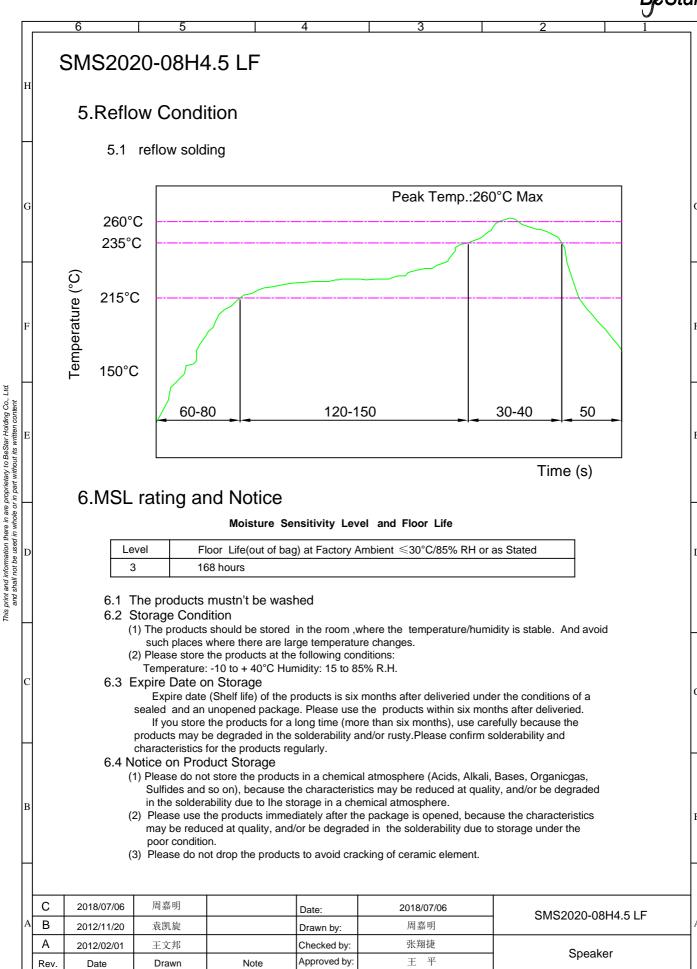




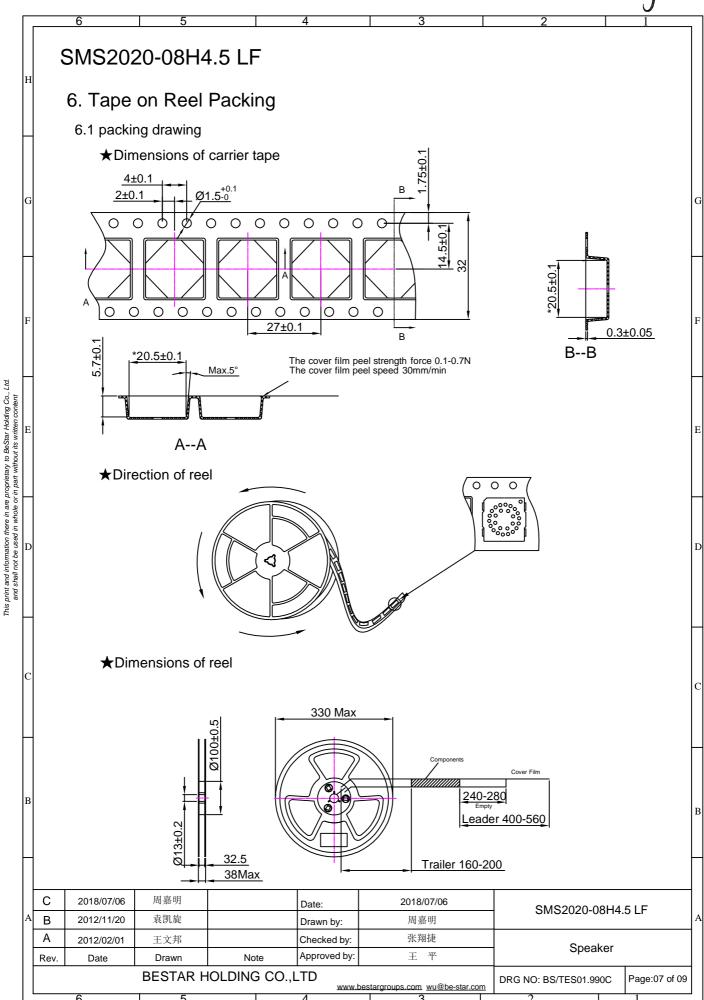
Page:06 of 09

DRG NO: BS/TES01.990C

estargroups.com wu@be-star.com

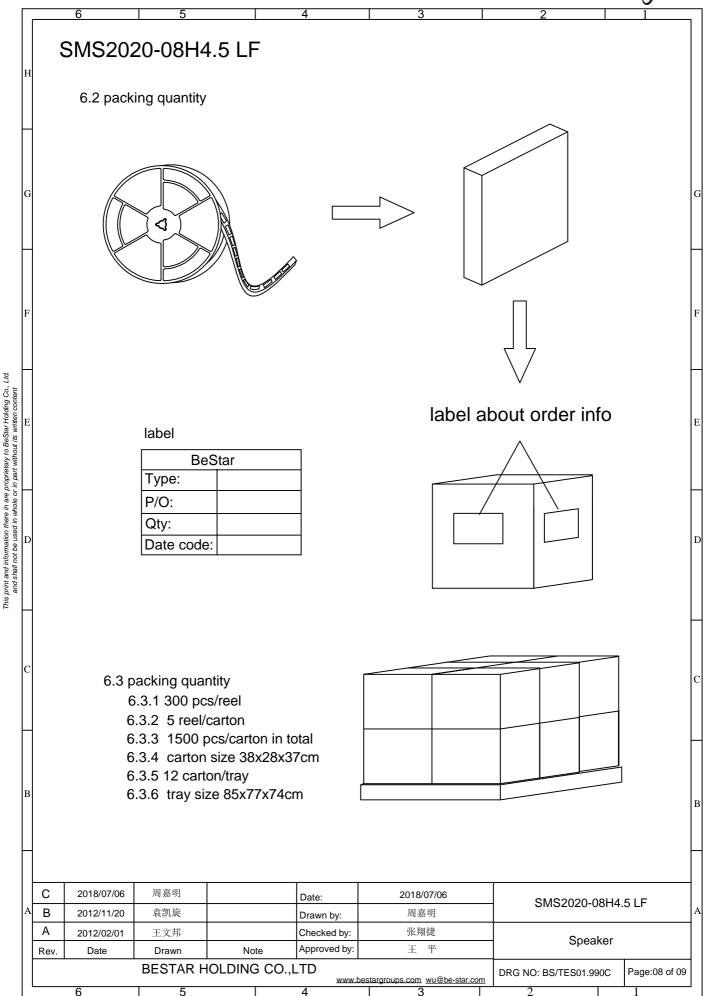


BESTAR HOLDING CO.,LTD



文件号: BS/QDTE045B







SMS2020-08H4.5 LF 7. History Change Record Change Items version Date Approved Drawn No. Before After 2012/02/01 王文邦 郭 敏 850Hz ±20%;8Ω±20% 850±100Hz ;8Ω±20% (at В 王 平 2012/11/20 袁凯旋 (at 2KHz) 2KHz,0.5V) 周嘉明 王 平 Change the direction of reel С 2018/07/06 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 2018/07/06 周嘉明 С 2018/07/06 Date: SMS2020-08H4.5 LF В 2012/11/20 袁凯旋 周嘉明 Drawn by: Α 张翔捷 2012/02/01 王文邦 Checked by: Speaker Approved by: Note Date Drawn BESTAR HOLDING CO.,LTD DRG NO: BS/TES01.990C Page:09 of 09 www.bestargroups.com wu@be-star.com