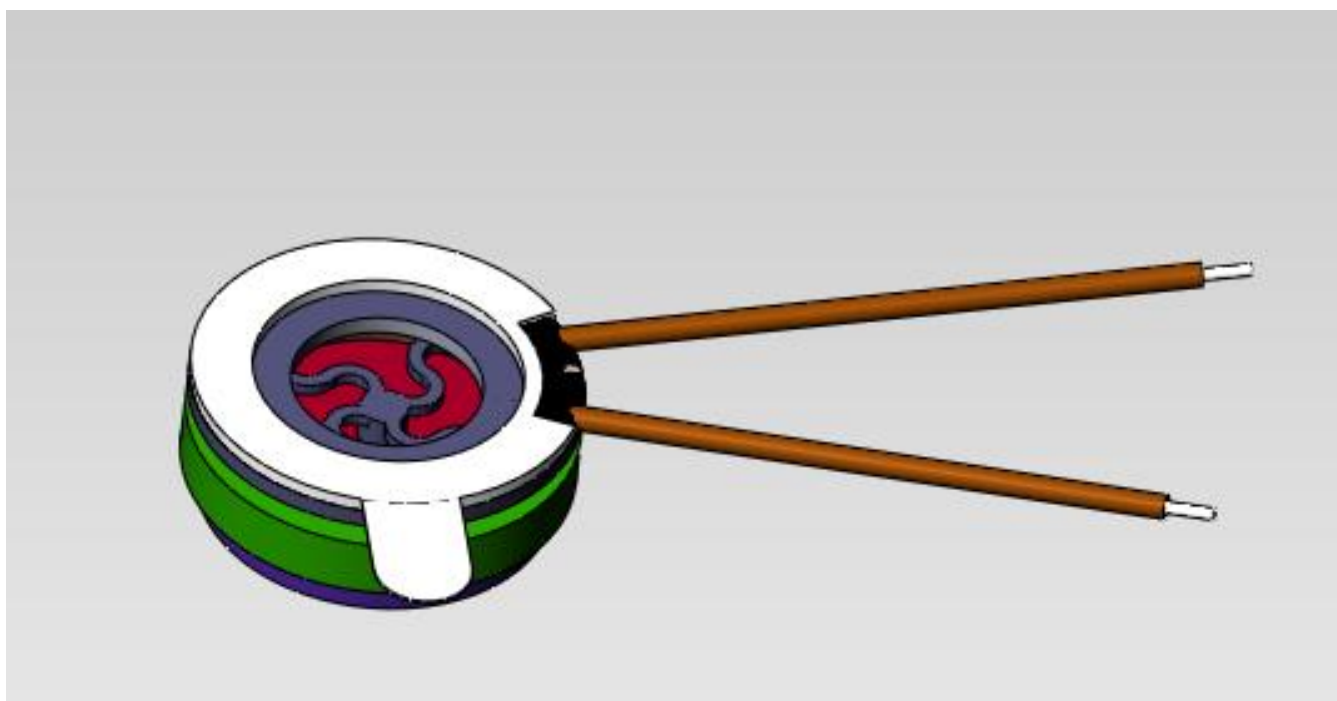


SPECIFICATION

BHS16-11P-08H5.8W30 LF





SPECIFICATION FOR DYNAMIC LOUDSPEAKER

TOTAL PAGE

9

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RoHS

Preliminary Specification

Customer		Model Name	BHS16-11P-08H5.8W30 LF
Customer P/N		Product No.	139363
Date	Dec19.14	Issue No.	BS/TES01.1461A
Page	02 of 09	Issue Date	2014/12/19

Approval:

- 1.Characteristics
- 2.Drawing
- 3.Reliability Test
- 4.Packing
- 5.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

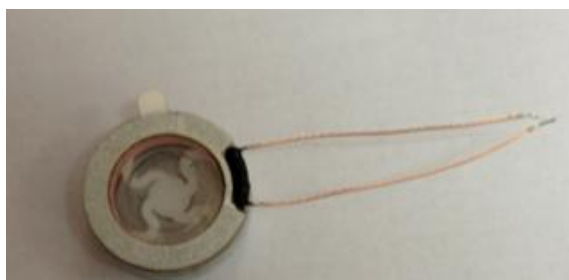
Fax: +86 519 88222551

E-mail: wu@be-star.com

<http://www.bestargroups.com>

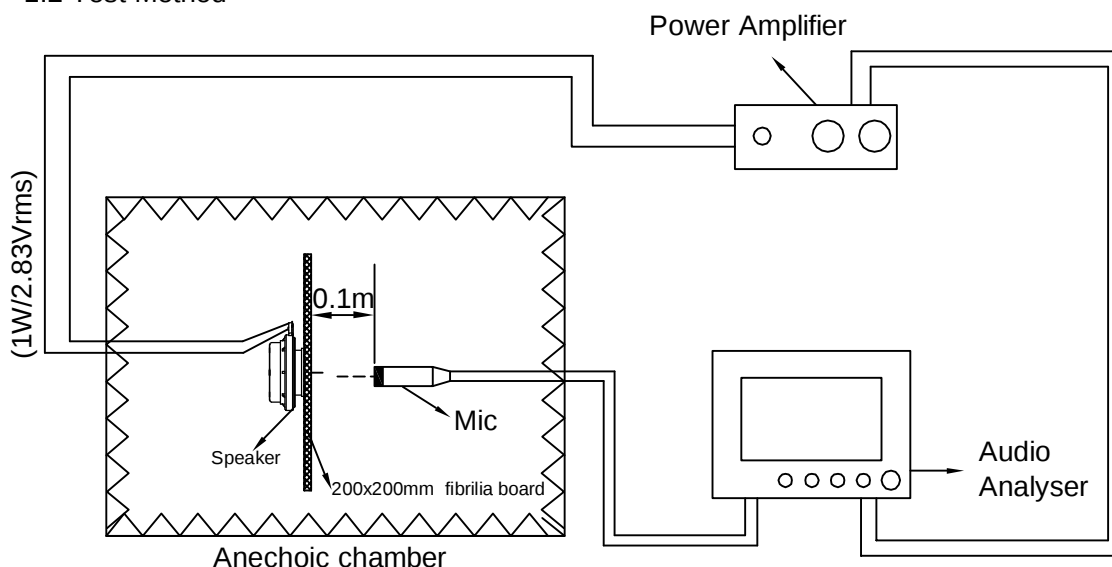
1.Characteristics

1.1 Electrical and Mechanical Characteristics



No.	Item	Specification
1.	Dimension	16 ×5.8 (mm)
2.	AC Impedance	8 Ω ± 15%(at 1KHz)
3.	Rated Input Power	0.5W
4.	Maximum Input Power	1W
5.	Resonance Frequency	500Hz ±20%
6.	Frequency Response	F0~15KHz
7.	S.P.L (1w/0.1m)	78±3dB at 1KHz
8.	THD (1w/0.1m)	≤5% (at 1KHz/1W)
9.	Buzzes & Rattles	Must be normal at sine wave 2Vrms
10.	Polarity	Positive voltage to (+),Diaphragm moves forward
11.	Operating Temperature	- 20~+ 55°C
12.	Storage Temperature	-20~+70 °C

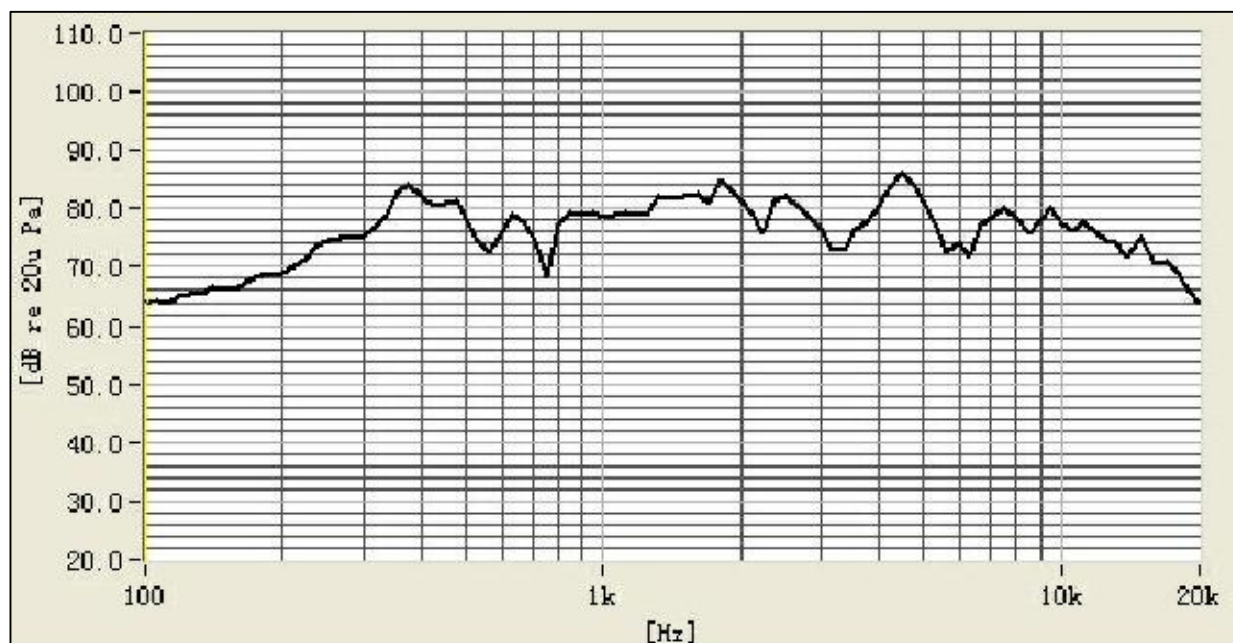
1.2 Test Method



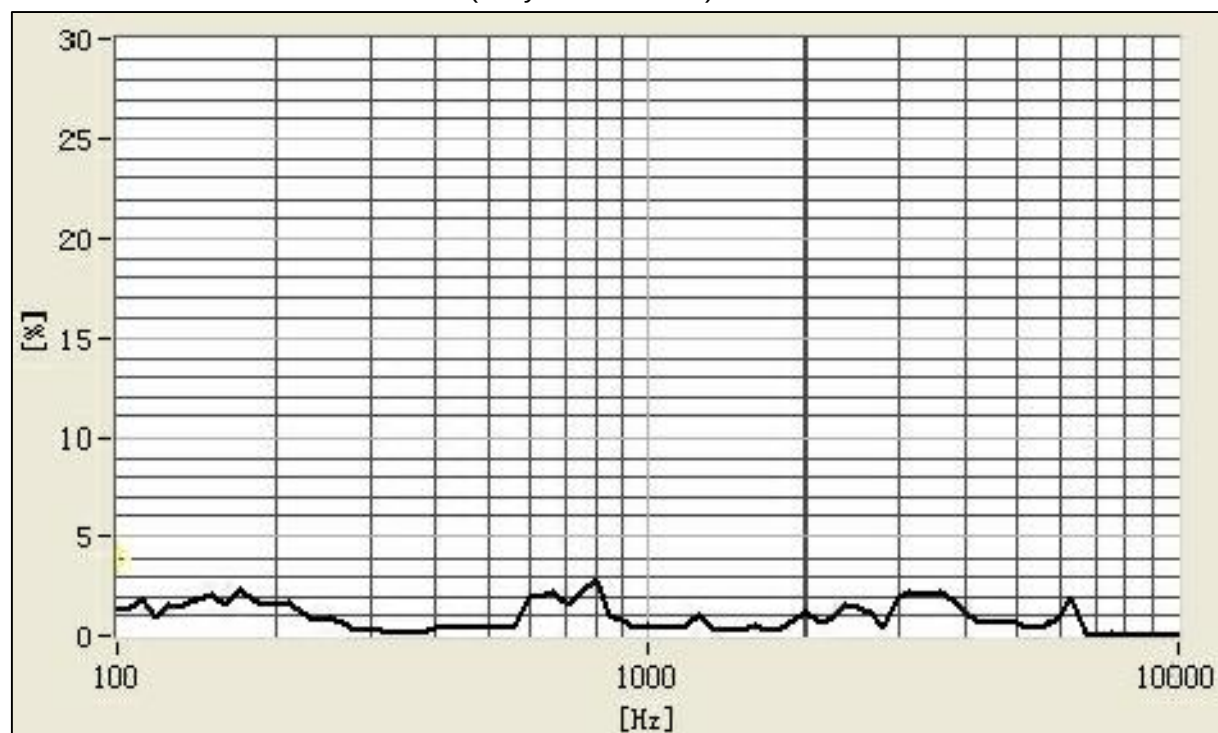
				Date:	2014/12/19	BHS16-11P-08H5.8W30 LF	
				Drawn by:	魏春欢		
A	2014/12/19	魏春欢		Checked by:	汪凤声	Speaker	
Rev.	Date	Drawn	Note	Approved by:	徐金国		
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BHS16-11P-08H5.8W30 LF

1.3 Frequency Response Curve (only for reference)



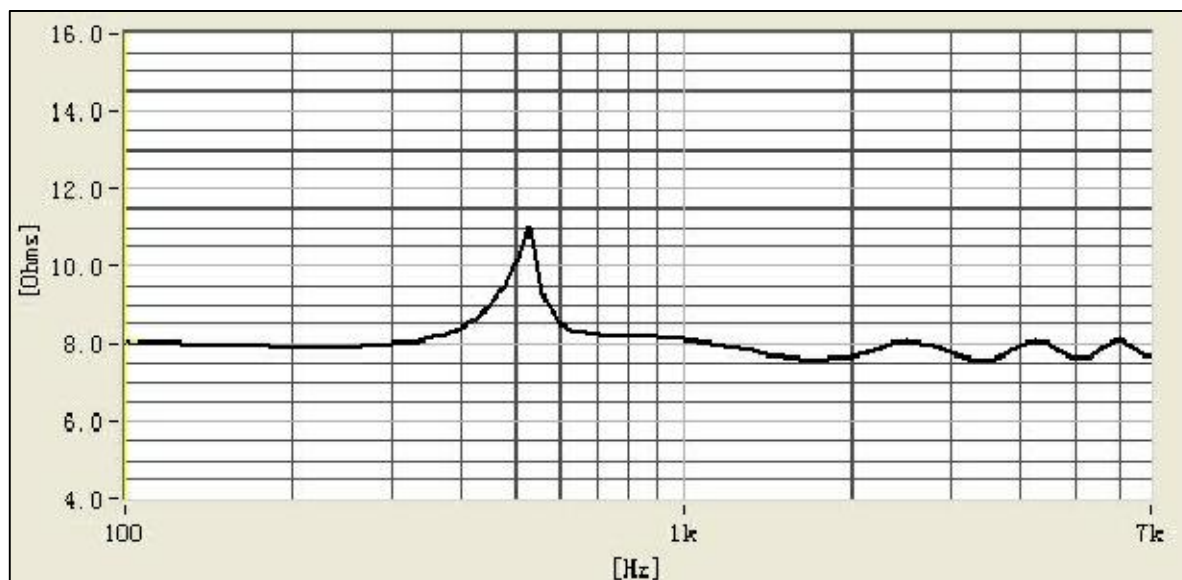
1.4 Total Harmonic Distortion Curve (only for reference)



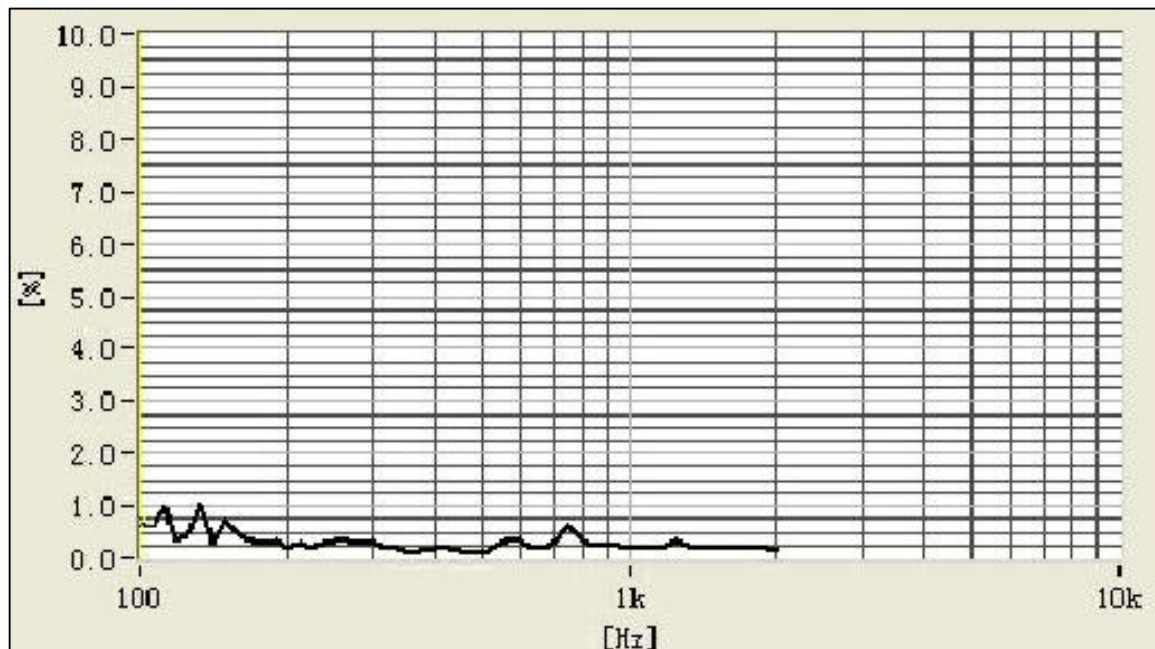
				Date:	2014/12/19	BHS16-11P-08H5.8W30 LF
				Drawn by:	魏春欢	
A	2014/12/19	魏春欢		Checked by:	汪凤声	Speaker
Rev.	Date	Drawn	Note	Approved by:	徐金国	
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BHS16-11P-08H5.8W30 LF

1.5 Impedance Curve (only for reference)



1.6 Rub&Buzz -Active Curve(only for reference)



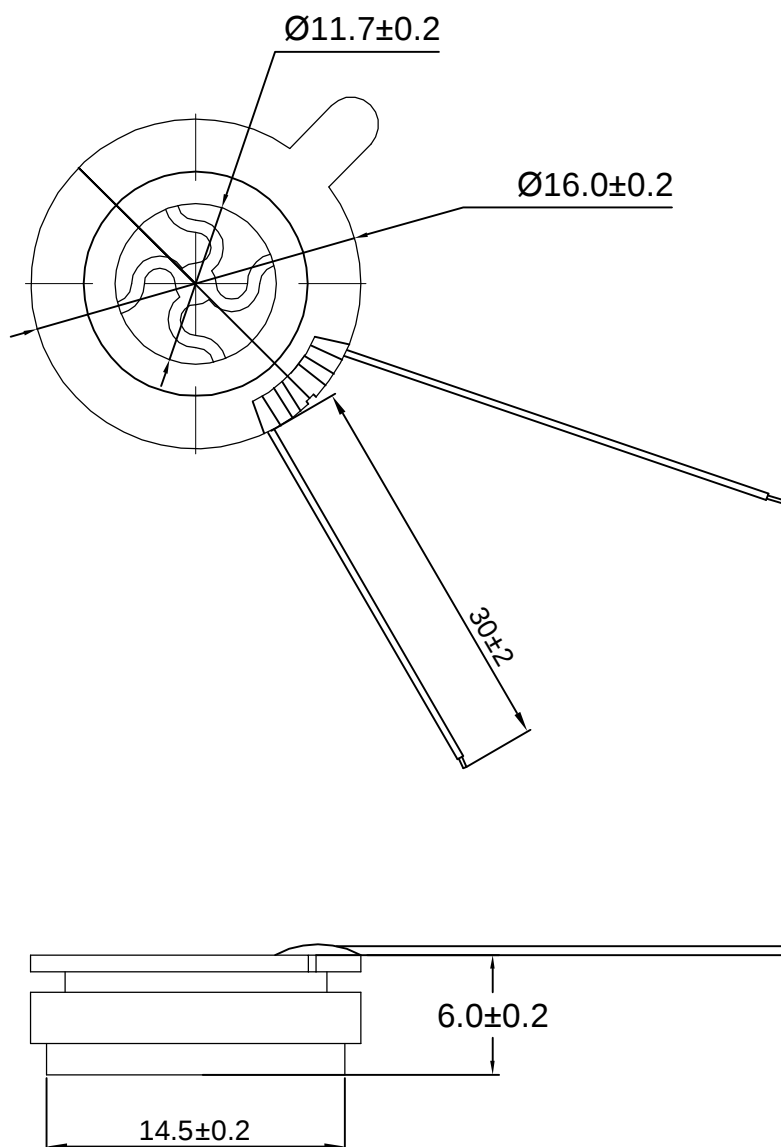
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				Drawn by:	魏春欢	
A	2014/12/19	魏春欢		Checked by:	汪凤声	Speaker
Rev.	Date	Drawn	Note	Approved by:	徐金国	
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BHS16-11P-08H5.8W30 LF

2.Drawing

unit:mm

tolerance:±0.2



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Rev.	Date	Drawn	Note	Approved by:	徐金国	
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BHS16-11P-08H5.8W30 LF

3. Reliability Test

3.1 Load Test

Power (Nom)
Duration0.5W(white noise)
96hrs

3.2 High Temperature Test

Temperature
Duration $+55\pm 2^{\circ}\text{C}$
96hrs

3.3 Low Temperature Test

Temperature
Duration $-20\pm 2^{\circ}\text{C}$
96hrs

3.4 Damp Heat

Temperature
Relative Humidity
Duration $40\pm 2^{\circ}\text{C}$
90%-95%RH
96hrs

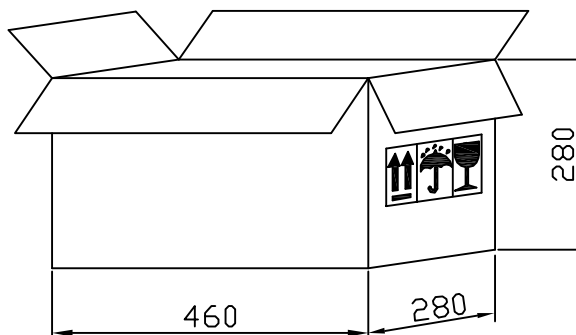
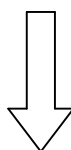
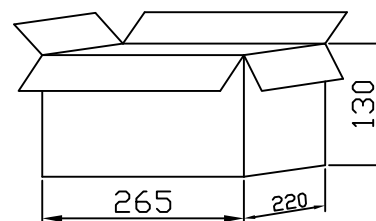
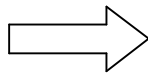
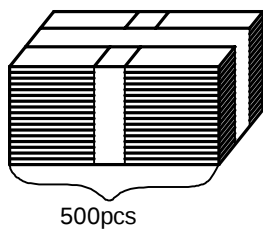
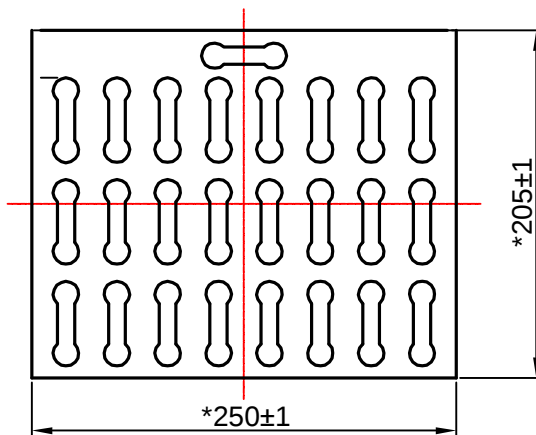
Notice:

1. After test leave at room temperature for 1 hours, SPL shall not deviate by $\pm 3\text{dB}$ from pre-test measurement, and meet above spec. item 7, 8, 9

A				Date:	2014/12/19	BHS16-11P-08H5.8W30 LF		
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6		5		4		3		
						2		
						1		

BHS16-11P-08H5.8W30 LF

4. Packing



Remark:
50 pcs per tray
10 trays for unit
500 pcs per carton
4 cartons per box
Total 2000 pcs per box
Size: 44×28×28(cm)

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5. History Change Record

[illegible]

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				Drawn by:	魏春欢		
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