



SPECIFICATION FOR SPEAKER ALARM

TOTAL PAGE

06

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RoHS

Customer		Model Name	BUS112PT BUS112PT(XCMG)
Customer P/N		Product No.	116818
Date	06 Jul.2013	Issue No.	BS/TEA01.190B
Page	01 of 06	Issue Date	2013/07/06

Approval:

1. Technical Terms
2. Test Method
3. Drawing
4. Reliability Test
5. Packing
6. History change record

Drawn by	Checked by	Approved by	Customer approved

BeStar Acoustics Co., LTD

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BUS112PT

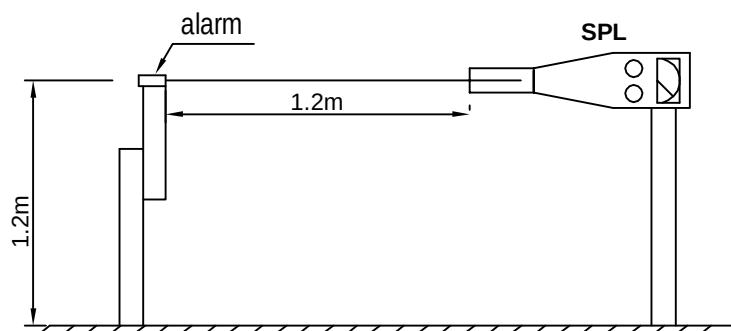
1. Technical Terms



No.	Type	Specifications
1.	Rated Voltage(DC)	24 V
2.	Operating Voltage(DC)	9-28V
3.	Current Consumption	≤0.8A at 24VDC
4.	SPL at 1.2m 12V / 24V	112±4dB
5.	Tone	pulse tone
6.	ON-OFF-cycles	80C/M±10
7.	Resonant Frequency	1400 ±200Hz
8.	Temperature Range	-40-+75°C
9.	Storage Range	-40-+85°C
10.	Housing material	PA66+15%GF
11.	IP-rating	IP65
12.	Housing color	black

2. Test Method

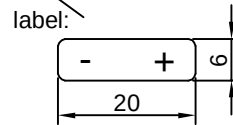
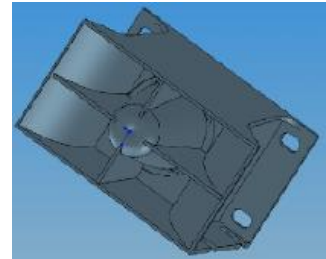
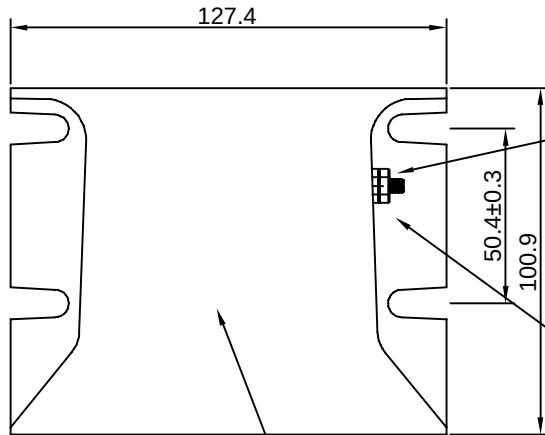
The alarm is located in a free field or an equivalent fully anechoic room. The microphone is directed toward the alarm sound output opening along the zero degree axis and at the distance specified by the test requirement.



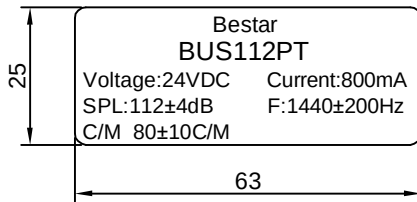
				Date:	2013/07/06	BUS112PT
				Drawn by:	王冬琴	
B	2013/07/06	王冬琴		Checked by:	付秋萍	Speaker Alarm
Rev.	Date	Drawn	Note	Approved by:	姚利明	
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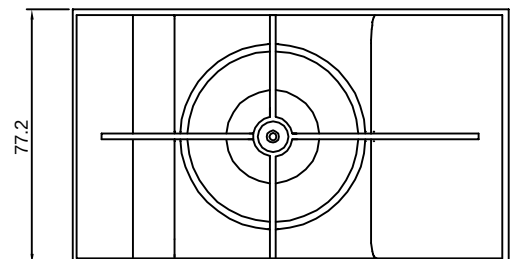
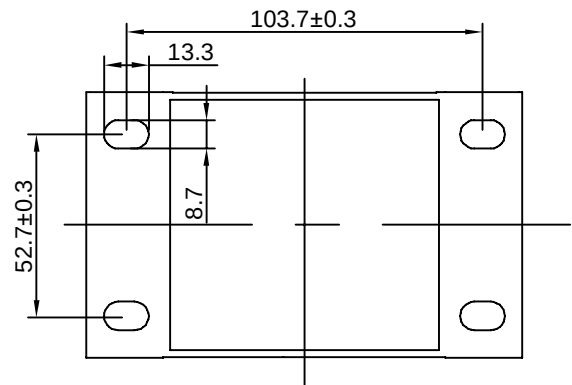
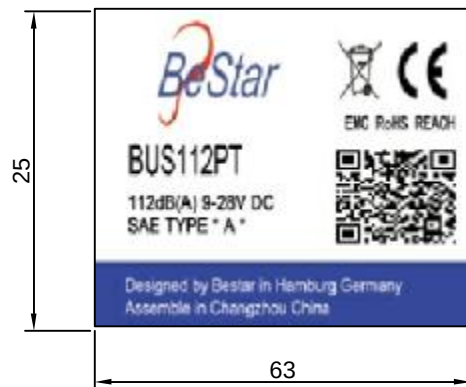
3.Drawing



label:



or



*Other dimemnsion tolerance:±0.3mm

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4. Reliability Test

4.1 High temperature test

Temperature

+85°C

Duration

96hrs

4.2 Low temperature test

Temperature

-40°C

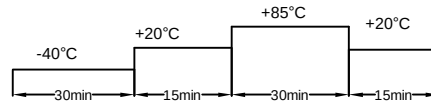
Duration

96hrs

4.3 Temperature cycle test

Cycles

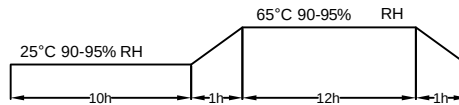
5



4.4 Humidity cycle test

Cycles

5



4.5 Life test

Temperature

+20°C

Duration

96hrs

load

28VDC

4.6 Drop Test

High

1m to the board

Direction

3

All these tests above should be measured after leaving normal temperature for 2hrs.

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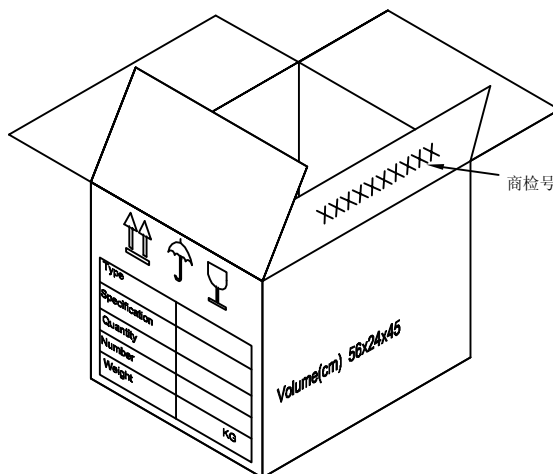
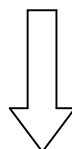
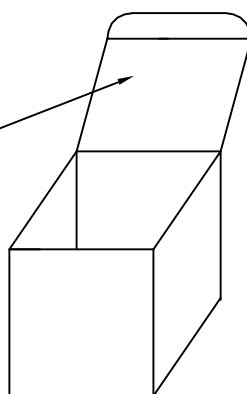
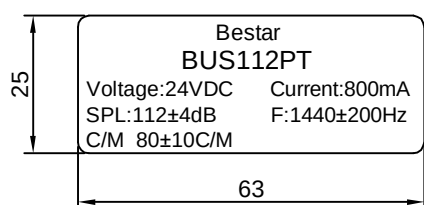
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5.Packing

5.1.BUS112PT

Packing quantity: 1pcs per small box.
Box size: 105x85x130(mm)
Total 40 pcs per carton
Carton size: 56x24x45(cm)

label:



Notice:outer size 56x24x45cm

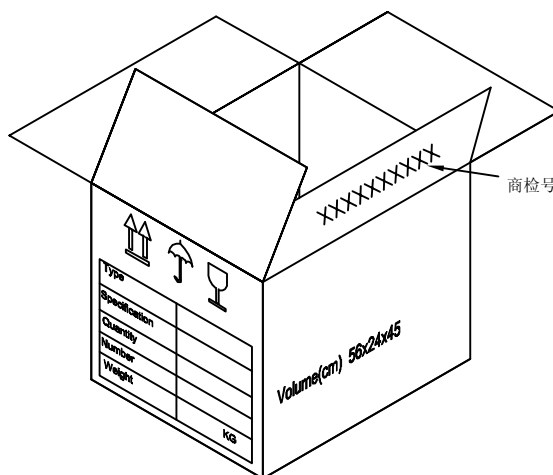
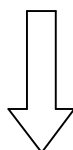
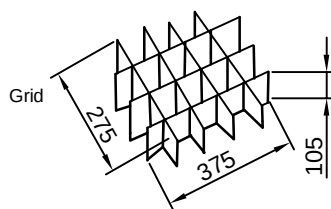
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				Drawn by:	王冬琴		
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5.Packing

5.2.BUS112PT(XCMG)

Packing quantity: 8pcs per Grid.
 Grid size: 375x275x105(mm)
 Total 16 pcs per carton
 Carton size: 40x30x24(cm)



Notice:outer size 40x30x24cm

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6	5	4	3	2	1		

6. History change record

[illegible]

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