



# SPECIFICATION ELECTRO-MAGNET BUZZER

TOTAL PAGE	06	<a href="http://www.be-star.com">www.be-star.com</a>	RoHS
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Customer		Model Name	BMB2724X
Customer P/N		Product No.	210401
Date	09 Aug. 10	Issue No.	BS/TET01.252A
Page	01 of 06	Issue Date	10/08/09

### Approval:

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

Drawn by	Checked by	Approved by	Customer approved

### **BESTAR ELECTRONICS INDUSTRY CO.,LTD**

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**<http://www.be-star.com>**

# BMB2724X



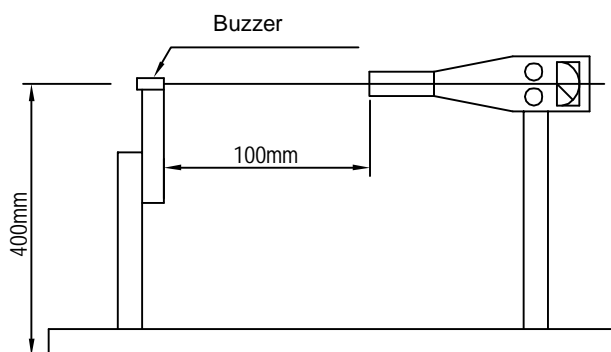
## 1. Characteristic

### ★Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Rated Voltage	24VDC
2.	Operating Voltage	18...28VDC
3.	a)Current	max.80mA
4.	Sound Output at 10cm	min.99dB at 24VDC
		min.99dB with test Circuit
5.	a)Resonant Frequency	3000Hz±100
6.	Tone characteristic	constant
7.	Operating Temperature	-30~+70°C
8.	Storage Temperature	-30~+70°C

a)Value applying at 24V(DC).

## 2.Test Method



Function:

Voltage 6V

(+)voltage pin 1 and (-) voltage pin 5 =Buzzer is not active

(+)voltage pin 1 and (-) voltage pin 2,3,4 =Buzzer is active

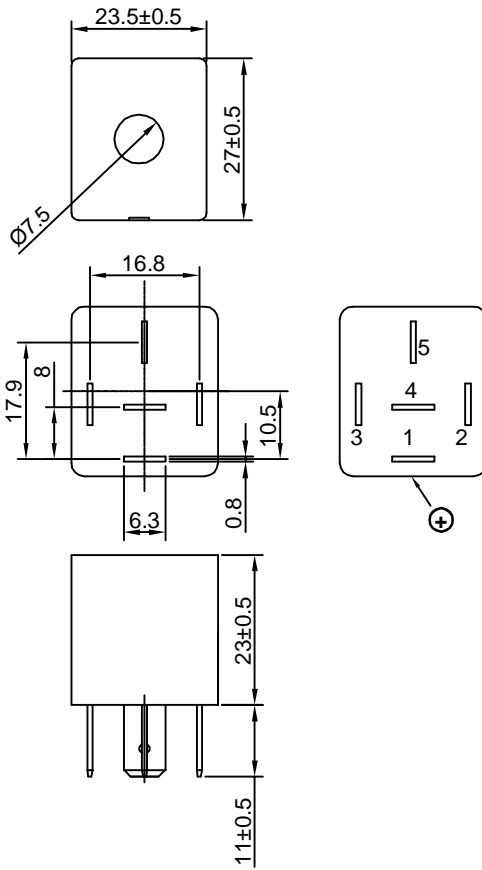
Voltage 24V

(+)voltage pin 1 and (-) voltage pin 2,3,4,5 =Buzzer is active

				Date:	10/08/09	BMB2724X	
				Drawn by:	廖明才		
A	10/08/09	廖明才		Checked by:	陈小东	Buzzer	
Rev.	Date	Drawn	Note	Approved by:	程久生		
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## 3.Drawing



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A	10/08/09	廖明才		Checked by:	陈小东	<b>Buzzer</b>	
Rev.	Date	Drawn	Note	Approved by:	程久生		
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## 4. Reliability test

### 4.1 High temperature test

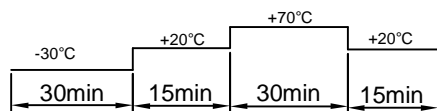
Temperature +70 °C  
Duration 96hrs

### 4.2 Low temperature test

Temperature -30 °C  
Duration 96hrs

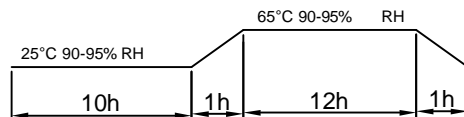
### 4.3 Temperature cycle test

Cycles 5



### 4.4 Humidity cycle test

Cycles 5



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

### 4.5 Drop test

Height 70cm  
(to 10mm thickness woodenboard)  
Direction 3

Notice: All specification must be satisfied in this condition.

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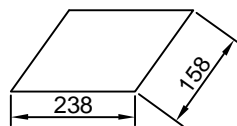
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				Drawn by:	廖明才		
A	10/08/09	廖明才		Checked by:	陈小东	Buzzer	
Rev.	Date	Drawn	Note	Approved by:	程久生		
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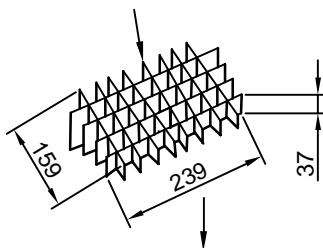
## 5. Packing

135 pcs one box, box size: 240\*160\*120mm  
810 pcs per carton, carton size: 50\*27\*26cm

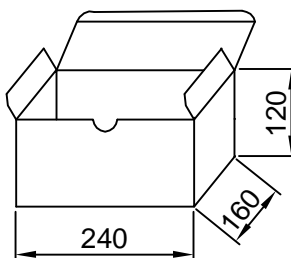
3pcs card board



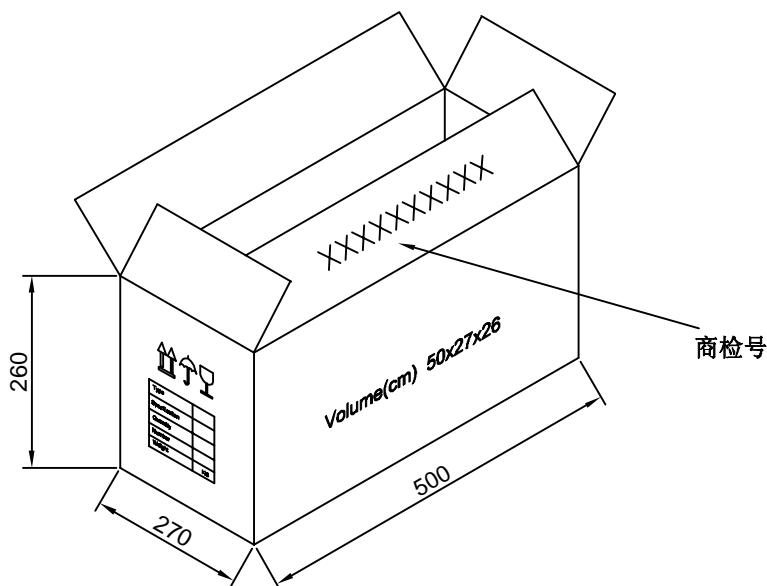
3pcs 5\*9grid



box



carton



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Rev.	Date	Drawn	Note	Approved by:	程久生	
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