



SPECIFICATION
FOR ELECTRO-MAGNET TRANSDUCER

TOTAL PAGE	08	www.be-star.com	RoHS
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Customer		Model Name	BMT0905H05S LF
Customer P/N		Product No.	010801
Date	11 Aug. 09	Issue No.	BS/TET01.183B
Page	01 of 08	Issue Date	09/08/11

Approval:

- 1.Characteristics
- 2.Dimension
- 3.Reliability Test
- 4.Packing
5. Notice
6. History change record

Drawn by	Checked by	Approved by	Customer approved
魏奉玲	徐波	陶红仲	

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

BMT0905H05S LF

1. Characteristics

1.1 Technical terms

1. High S.P.L.; and clear sound
2. RoHS compliant
3. Minimum quantity (one carton): 3000 pcs.



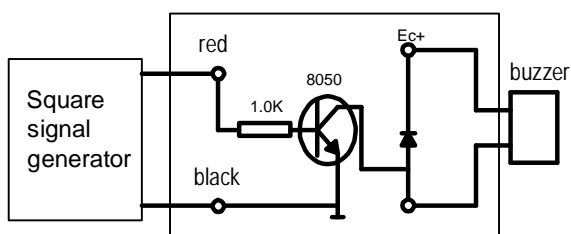
No.	Item	Specifications
1	Operating Voltage	4-7V _{o-p}
2	Rated Voltage	5V _{o-p}
3	a)Rated Current	max.80mA
4	a)Sound Output at 10cm	min.85dB
5	Resonant Frequency	2731Hz
6	Coil Resistance	30 ± 3ohm
7	b)Coil Impedence	80ohm
8	Operating Temperature	-20...+60 ° C
9	Storage Temperature	-30...+70 ° C
10	Weight	4g
a)Value applying rated voltage (2731Hz 1/2duty square wave)		
b)Value applying (2731Hz sine wave measuring current 60 μ A)		

1.2 Test method:

1.2 Standard text Fixture

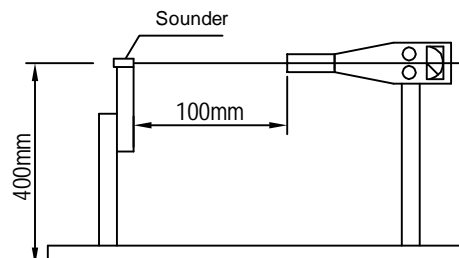
1.2.1.Recommended Circuit

the following are examples of externally driven circuits.



1.2.2.Standard text Fixture

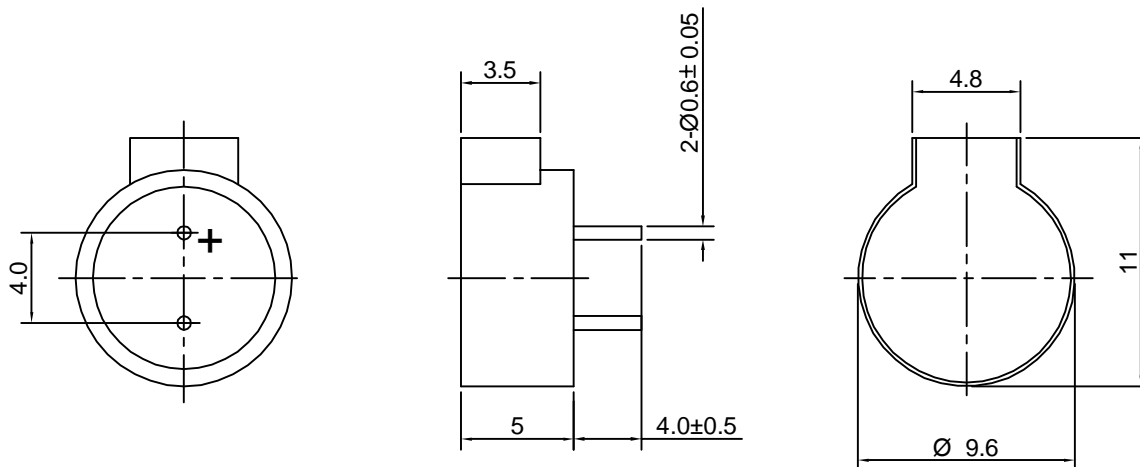
No reaction in space with in 400mm in all direction



				Date:	09/08/11	BMT0905H05S LF	
B	09/08/11	魏奉玲	RohS	Drawn by:	魏奉玲		
A	03/12/23	王善梅		Checked by:	徐 波	Transducer	
REV.	Date	Drawn	Note	Approved by:	陶红仲		
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BMT0905H05S LF

2.Dimension



Tolerance:± 0.3

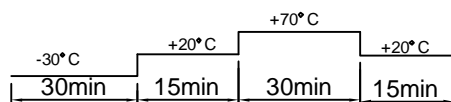
Unit:mm

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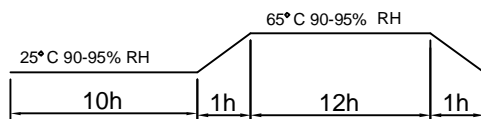
A				Date:	09/08/11	BMT0905H05S LF
	B	09/08/11	魏奉玲	Drawn by:	魏奉玲	
	A	03/12/23	王善梅	Checked by:	徐 波	Transducer
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3. Reliability Test

Cycles 5



5



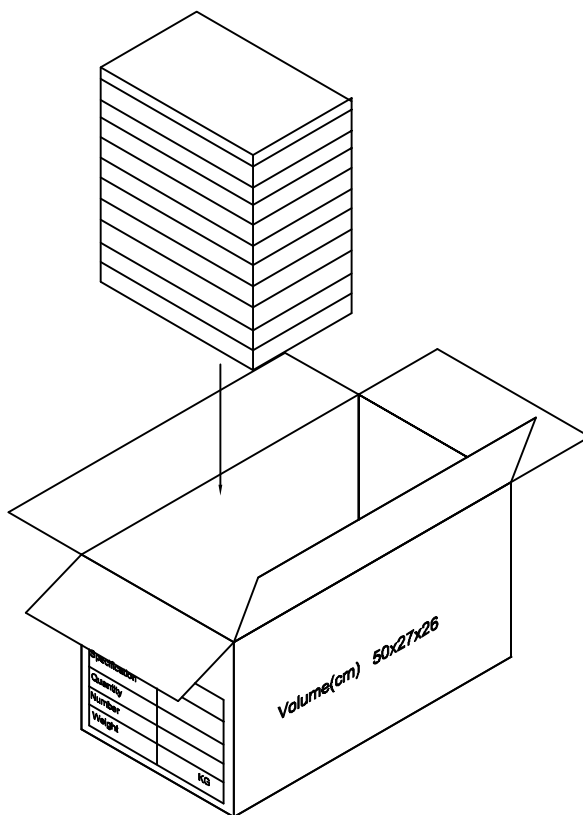
all these tests above should be measured after leaving normal temperature for 4hrs.

Temperature	250 °C± 5° C
Duration	3 ± 0.3sec

Notice: All specification must be satisfied in this condition.

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4. Packing



- 1)100pcs/tray
- 2)30trays/carton
- 3)3000 pcs/carton in total
- 4)carton size 50x27x26cm

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5. Notice

5.1 The products mustn't be washed

5.2 Storage Condition

Please store the product set the following conditions:

Temperature: -10 to + 40°C Humidity: 15 to 85% R.H.

5.3 Expire Date on Storage

Expire date (Shelf life) of the products is six months after delivery under the conditions of a sealed and an unopened package. Please use the products within six months after delivery.

If you store the products for a long time (more than six months), use carefully because the products may be degraded in the solderability and/or rusty. Please confirm solderability and characteristics for the products regularly.

5.4 Notice on Product Storage

(1) Please do not store the products in a chemical atmosphere (Acids, Alkali, Bases, Organic gas, Sulfides and so on), because the characteristics may be reduced at quality, and/or be degraded in the solderability due to the storage in a chemical atmosphere.

(2) Please use the products immediately after the package is opened, because the characteristics may be reduced at quality, and/or be degraded in the solderability due to storage under the poor condition.

5.5

5.5.1 Export Control <For customers outside The People's Republic of China>

No BeStar products should be used or sold, through any channels, for use in the design, development, production, utilization, maintenance or operation of, otherwise contribution to

(1) any weapons (Weapons of Mass Destruction [nuclear, chemical or biological weapons or missiles] or conventional weapons)

(2) goods or systems specially designed or intended for military end-use or utilization by military end-users.

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5.5.2 Please contact our sales representatives or product engineers before using the products in the specification or catalogue for the applications listed below, which require especially high reliability for the prevention of defects which might directly damage a third party's life, body or property, or when one of our products is intended for use in applications other than those specified in this specification.

- 5.5.3 Product specifications and catalogues are subject to change and our products in them may be discontinued without advance notice.**

5.5.4 Please read rating and CAUTION (for storage, operating, rating, soldering, mounting and handling) in this specifications in order to prevent smoking and/or burning, etc.

5.5.6 No ozone depleting substances (ODS) under the Montreal Protocol are used in our manufacturing process.

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6		5		4		3		2		1	

6. History change record

[illegible]

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