

MAGNETIC TRANSDUCER

Customer	
Customer P/O	
BeStar Model Name	BMT1201H5.4F-01 BMT1201H5.4F-02
Product No.	011200 011201
Issue No.	BS/TET01.086A
Issue Date	02/01/12

Approval:

1. Characteristics:
2. Dimension:
3. Environmental Test
4. Appearance
5. Packing



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BMT1201H5.4F-01 BMT1201H5.4F-02

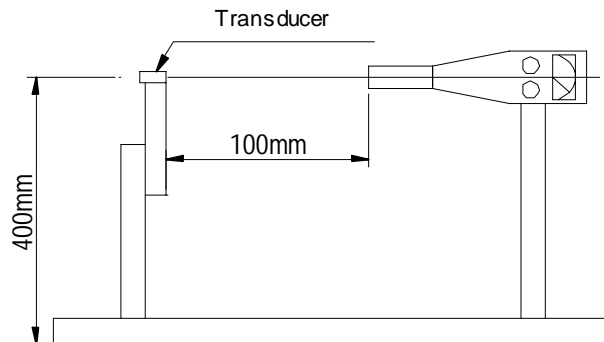


1. Characteristics:

★Electrical and Mechanical Characteristics

Item	Unit	Specification	
		BMT1201H5.4F-01	BMT1201H5.4F-02
Type		BMT1201H5.4F-01	BMT1201H5.4F-02
Rated Voltage	V	1.5	
Operating Voltage	V	1...2	
* Rated Current	mA	max 30	max.10
Coil Resistance	ohm	16 ± 4	50± 7.5
* Sound Output at10cm	dB	min 75	min 70
Resonance Frequency	Hz	2048	
Working Temperature	°C	-25...+70	
Storage Temperature	°C	-30...+70	
* Value applying at rated voltage (2048Hz, 1/2duty square wave)			

★Standard Output Measurement Setup



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Transducer

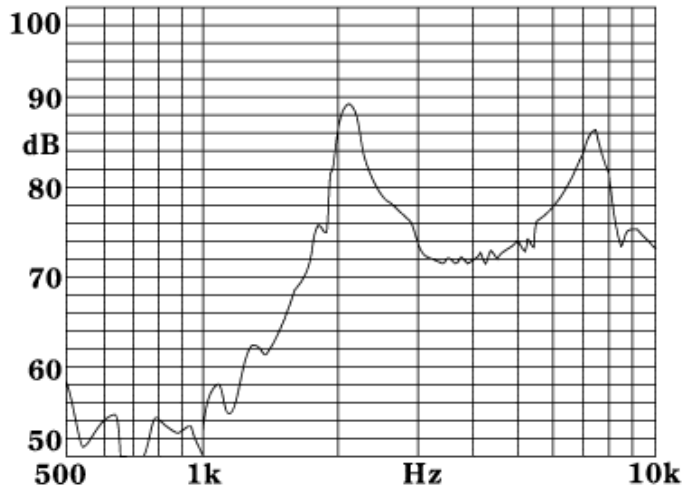


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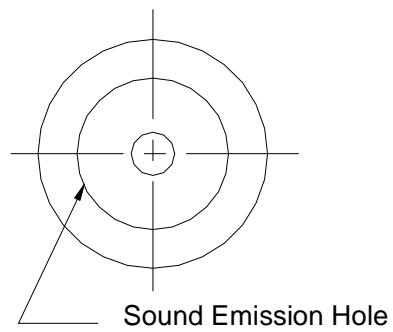
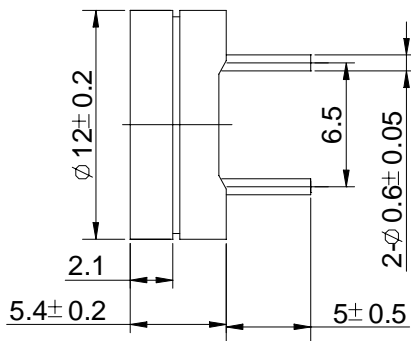
BMT1201H5.4F-01 BMT1201H5.4F-02

★Frequency Response



Applied voltage: 1.5V, 1/2 duty, square wave
Distance for measurement: 10cm

2.Dimension:



★Standard Output Measurement Setup

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BMT1201H5.4F-01 BMT1201H5.4F-02

3.Environmental Test

3.1 high temperature test

Temperature +70° C
Duration 96hrs

3.2 low temperature test

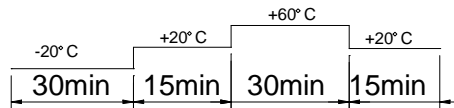
Temperature -30° C
Duration 96hrs

3.3 Life test in normal temperature

Power supply Rated voltage
Duration 1000hrs

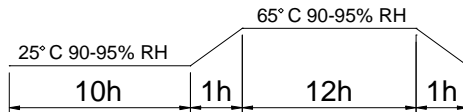
3.4 temperature cycle test

Cycles 5



3.5 Humidity cycle test

Cycles 5



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

3.6 Drop test

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

Notice: All specification must be satisfied in this condition.

4.Appearance

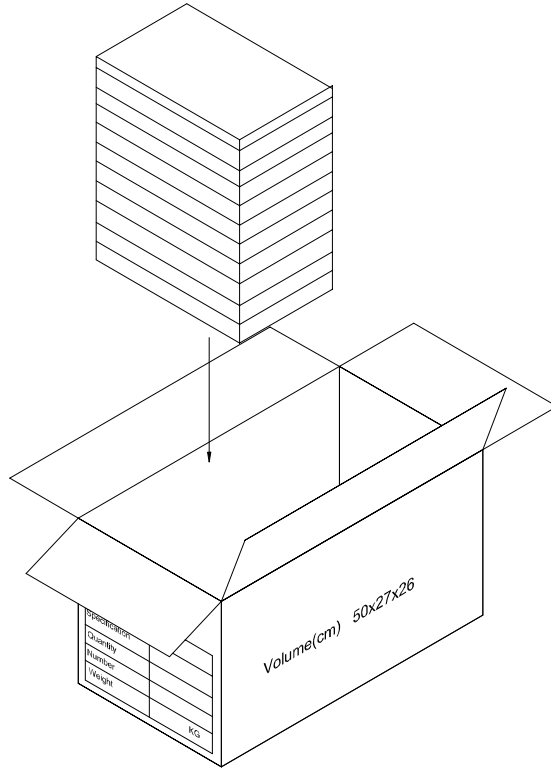
Appearance: without any damage,rack,rust and distortion,etc.

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BMT1201H5.4F-01
BMT1201H5.4F-02

5.Packing



Remark:

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

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