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MAGNETIC TRANSDUCER

Customer	
Customer P/O	
BeStar Model Name	BMT0903H5.5
Product No.	010700
Issue No.	BS/TET01.076A
Issue Date	02/07/04

Approval:

- 1.Characteristic
- 2.Dimension
- 3.Environmental Test
- 4.Appearance
- 5.Packing



BESTAR ELECTRONICS INDUSTRY CO., LTD

TianAn Industry Park4/F, Site B ChangZhou New District

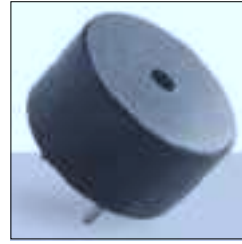
Tel:86-519-5103228

Fax:86-519-5131010

E-Mail:wu@be-star.com

Http:www.be-star.com

BMT0903H5.5



1. Characteristics:

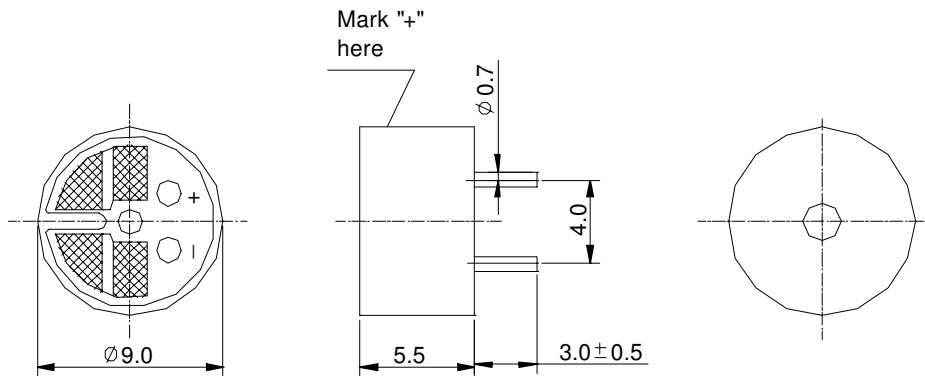
★Electrical and Mechanical Characteristics

No	Type	Unit	BMT-09B
1	Rated Voltage	V	3
2	Operating Voltage	V	2~6
3	a)Rated Current	mA	max.80
4	Coil Resistance	ohm	25± 4
5	b)Coil Impedance	ohm	45
6	a)Sound Output at 10cm	dB	min82
7	Resonant Frequency	Hz	2731
8	Operating Temperature	°C	-25~+70
9	Storage Temperature	°C	-40~+80
10	Weight	g	1

a)Value applying rated voltage,frequency 2731Hz,1/2 duty square-wave

b)Value applying 2731Hz,sine wave,measuring 60 μ A

2.Dimension:



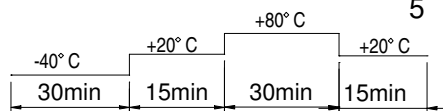
Tolerance: ± 0.3 Unit:mm

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CHEC.		DATE		3rd angle projection	
APPR.		DATE			
BESTAR ELECTRONICS INDUSTRY CO.,LTD TianAn Industry Park 4/F,Site B ChangZhou New District E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com					DRG NO BS/TET01.076A

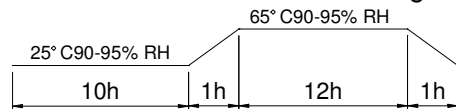
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3.Environmental Test

- 3.1 High temperature storage test
 - Temperature +80° C
 - Duration 96hrs
- 3.2 Low temperature storage test
 - Temperature -40° 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 Vibration Test
 - Vibration Frequency 10~55Hz
 - Amplitude 1.53mm
 - Direction 3(x.y&z)
 - Duration 2hrs each direction (total 6 hrs)
- 3.7 Drop test
 - Height 70cm
 - (to 10mm thickness woodenboard)
 - Direction 3(x.y&z)
- 3.8 Solderability Test
 - Soldering Temperature 230° C
 - Duration 3 sec

Notice: All specifications must be satisfied in this condition.

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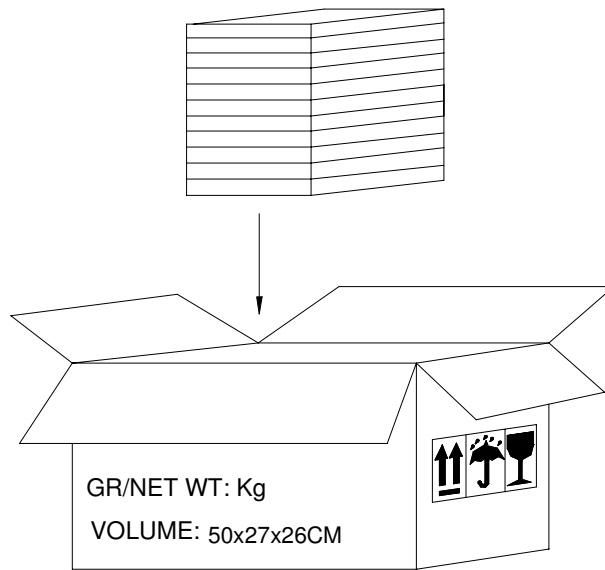
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4.Appearance

Appearance: without any obstacle to normal operation: damage, crack, rust and distortion, etc.

5.Packing



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

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