

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

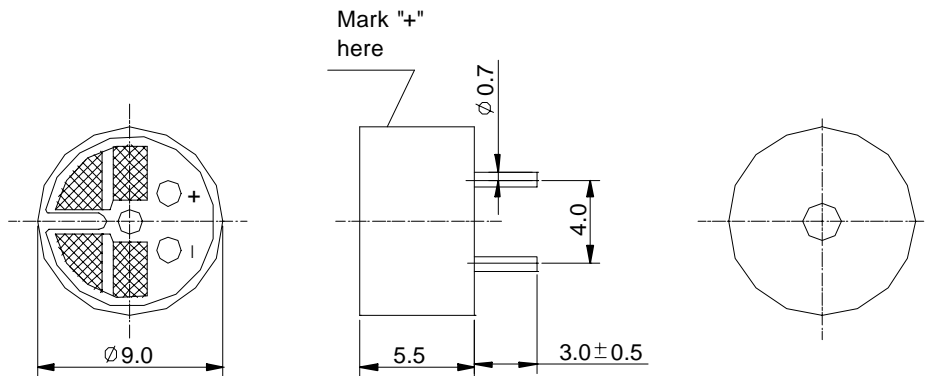


1. Characteristics:

★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

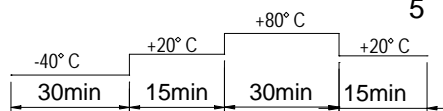
DIS.		DATE		Page:1 of 3	BMT0903H5.5 Transducer DRG NO BS/TET01.076A
CHEC.		DATE		3rd angle projection	
APPR.		DATE			
BESTAR ELECTRONICS INDUSTRY CO.,LTD TianAn Industry Park 4/F,Site B ChangZhou New District E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com					

This print and information there in are propriety to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 010700

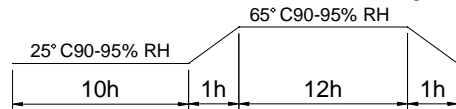
BMT0903H5.5

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.

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 010700

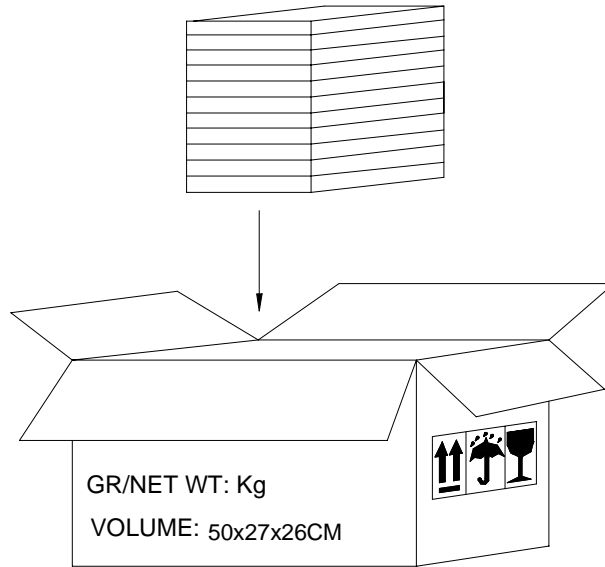
DIS.		DATE		Page:2 of 3	BMT0903H5.5
CHEC.		DATE		3rd angle projection	Transducer
APPR.		DATE			
 BESTAR ELECTRONICS INDUSTRY CO.,LTD TianAn Industry Park 4/F,Site B ChangZhou New District E-Mail:bestarco@ pub.cz.jsinfo.net Http:www.be-star.com				DRG NO BS/TET01.076A	

BMT0903H5.5

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

This print and information there in are proprietary to Bestar Electronics Industry Co., Ltd. and shall not be used in whole or in part without its written content 010700

DIS.		DATE		Page:3 of 3 3rd angle projection	BMT0903H5.5
CHEC.		DATE			Transducer
APPR.		DATE			DRG NO BS/TET01.076A
 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					