

MAGNETIC BUZZER

Customer	
Customer P/O	
Bestar Model Name	BMT1203XH7.5LF
Product No.	020202
Issue No.	BS/TET01.049B
Issue Date	06/05/06

Approval:

- 1.Characteristic
- 2.Drawing
- 3.Reliability Test
- 4.Packing

Prepared	Chec.	Appr.	Revision		
宋文辉	程久生	郭敏	No.	Date	Contents
			0	01/03/13	
			1	06/05/06	RoHs compliant
			2		
			3		



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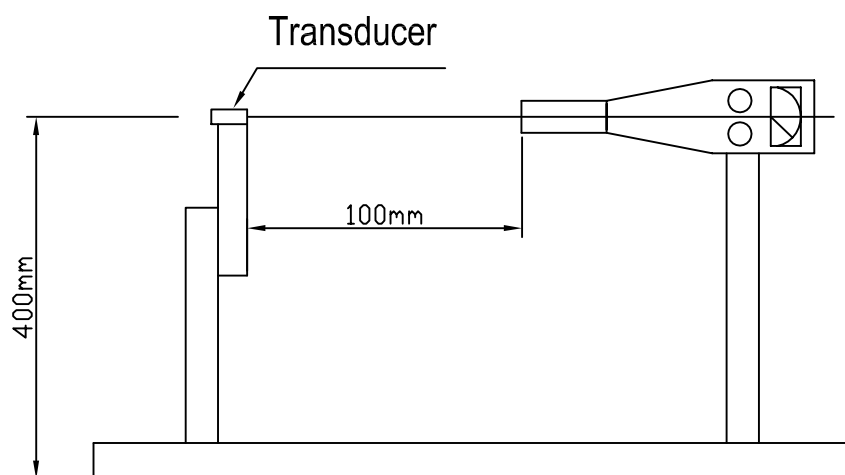
BMT1203XH7.5LF

1. Characteristic

★Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Operating Voltage	2~5V _{DC}
2.	Rated Voltage	3V _{DC}
3.	a) Sound Output at 10cm	min.82dB
4.	a) Rated Current	max.30mA
5.	a) Resonance Frequency	2300± 400Hz
6.	Response Time	max.50ms
7.	Housing Material	NORYL
8.	Operating Temperature	-20...+70° C
9.	Storage Temperature	-30...+85° C
a) Value Applying at Rated Voltage		

★Standard Output Measurement Setup

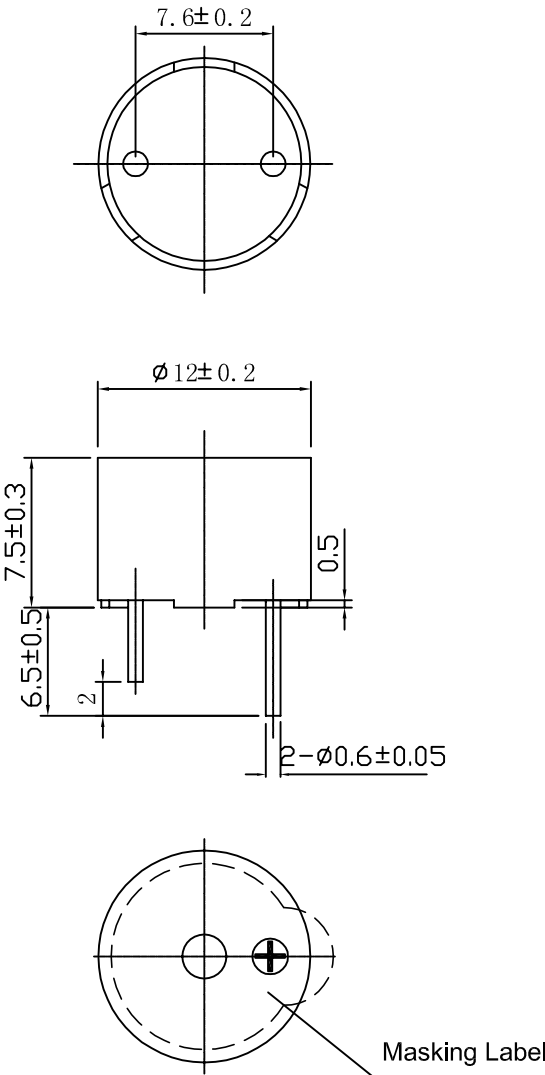


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CHEC.	程久生	DATE	06/05/06		3rd angle projection
APPR.	郭敏	DATE	06/05/06		
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2. Drawing



Tolerance: ± 0.3 Unit: mm

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3. Reliability test

3.1 High temperature test

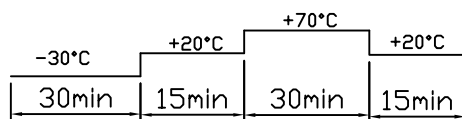
Temperature +80 °C
Duration 96hrs

3.2 Low temperature test

Temperature -25 °C
Duration 96hrs

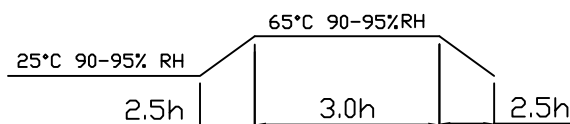
3.3 Temperature cycle test

Cycles 5



3.4 Humidity cycle test

Cycles 10



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

3.5 Load test

Power supply rated voltage
Duration 1000hrs

3.6 Vibration Test

Vibration Frequency 10~55Hz
Amplitude 1.5mm
Duration x,y&z directions 30min

3.7 Drop test

Height 100cm
(to 10mm thickness woodenboard)
Direction 3

3.8 Solderability test

Solderability temperature 255 °C
Heat applying time 3sec

Notice: After the test the part shall meet specifications without any degrance and performance except S.P.L, S.P.L shall be 80dB more .

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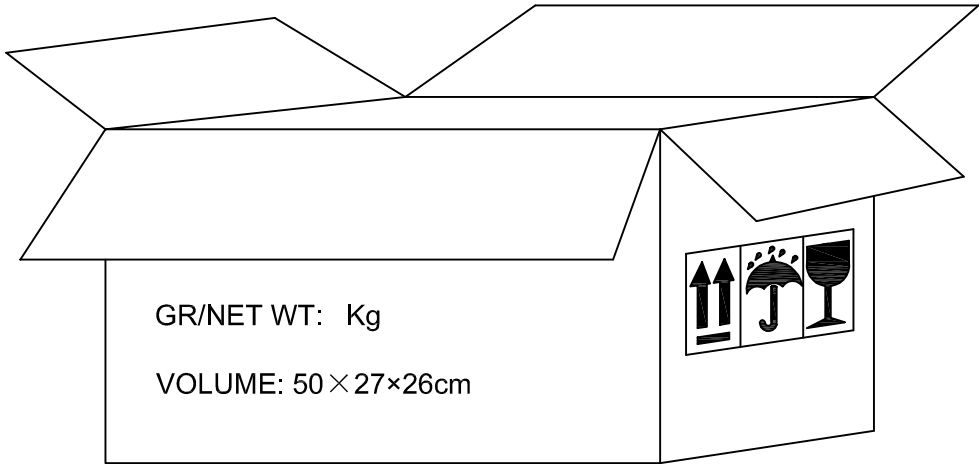
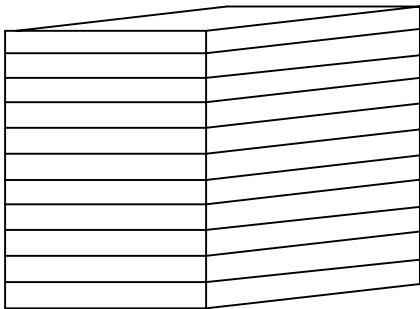
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4. Packing



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

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