

SPECIFICATION

For Electro-Magnet Transducer

Customer	
Customer P/N	F/UCW12(BMT1212UX)
BeStar Model Name	BMT1212XH7.5LF
Product No.	020201
Issue No.	BS/TET01.071B
Issue Date	06.12.01

Approval:

- 1.Characteristics
- 2.Drawing
3. Reliability test
- 4.Packing
- 5.History change record

Drawn by	Checked by	Approved by	Customer approved
韩学慧	程久生	邵凯	

For conform to the European Union Directive on the Restriction of Hazardous Substances(RoHS), this type of productions forbid use all the hazardous substances as follow:

Lead

Cadmium

Mercury

Hexavalent chromium

Polybrominated biphenyls (PBB)

Polybrominated diphenyl ethers (PBDE)



BESTAR ELECTRONICS INDUSTRY CO.,LTD

No.199 HuangHe West Road.New district, changzhou,
jiangsu Province,P.R.China

Tel:86-519-8222567 Fax:86-519-8222551

Http:www.be-star.com

E-mail: wu@be-star.com, info@be-star.com

BMT1212XH7.5LF

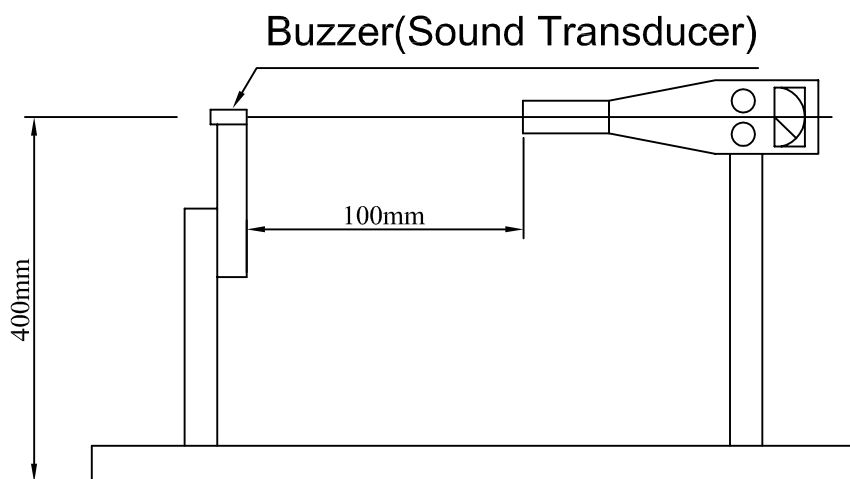


1. Characteristic

★Electrical and Mechanical Characteristics

No.	Item	Specification
1.	Operating Voltage(V)	9~15
2.	Rated Voltage(V)	12
3.	a)Sound Output at 10cm(dB)	min.83
4.	a)Rated Current(mA)	max.30
5.	a)Resonance Frequency (Hz)	2300± 400
6.	Operating Temperature(° C)	-20...+70
7.	Storage Temperature (° C)	-30...+80
8.	Weight	2g
a)Value Applying at Rated Voltage		

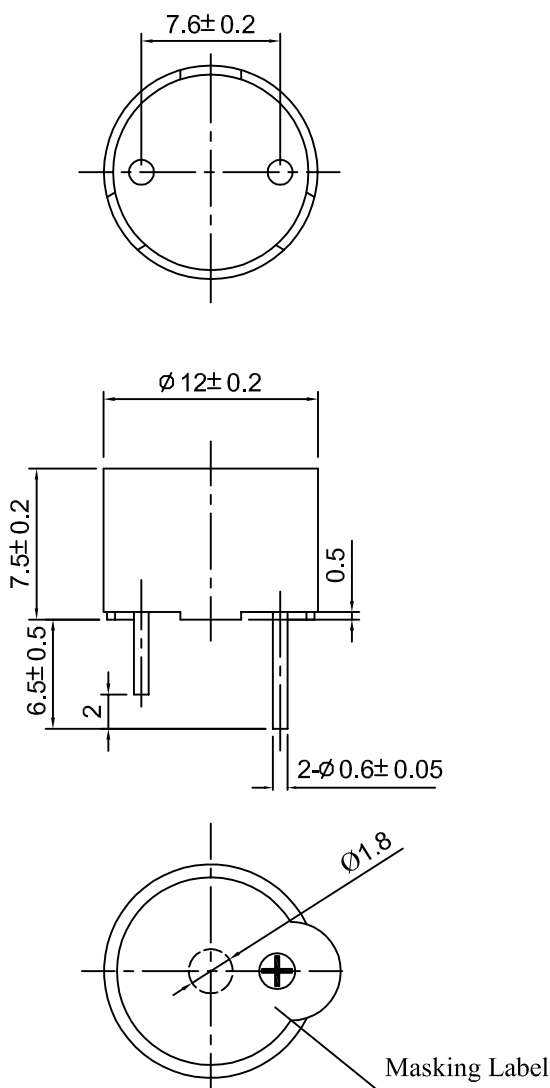
★Standard Output Measurement Setup



				Date:	06.12.01	BMT1212XH7.5LF
B	06.12.01	韩学慧		Drawn by:	韩学慧	
A	02.11.07	王善梅		Checked by:	程久生	Transducer
Rev.	Date	Drawn	Note	Approved by:	邵凯	
BESTAR ELECTRONICS INDUSTRY CO.,LTD						BS/TET01.071B
www.be-star.com wu@be-star.com						Page: 1 of 5

BMT1212XH7.5LF

2. Drawing



Tolerance :±0.3

A				Date:	06.12.01	BMT1212XH7.5LF	
	B	06.12.01	韩学慧	Drawn by:	韩学慧		
	A	02.11.07	王善梅	Checked by:	程久生	Transducer	
	Rev.	Date	Drawn	Approved by:	邵凯		
BESTAR ELECTRONICS INDUSTRY CO.,LTD						BS/TET01.071B	Page: 2 of 5
www.be-star.com wu@be-star.com							

BMT1212XH7.5LF

3. Reliability test

3.1 High temperature test

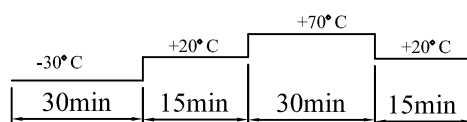
Temperature +80° C
Duration 96hrs

3.2 Low temperature test

Temperature -30° C
Duration 96hrs

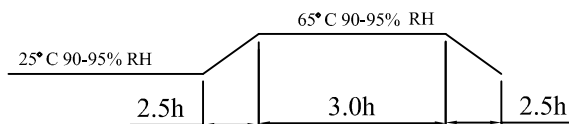
3.3 Temperature cycle test

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 70cm
(to 10mm thickness woodenboard)
Direction 3

3.8 Solderability test

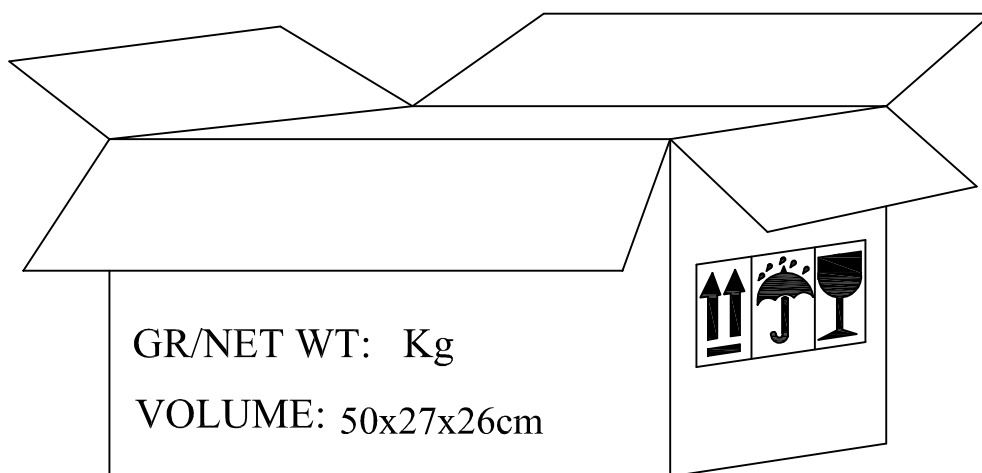
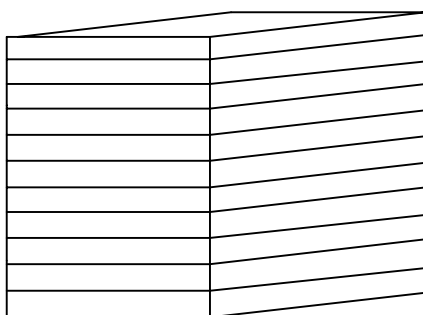
Solderability temperature 245° C
Heat applying time 3sec

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 .

				Date:	06.12.01	BMT1212XH7.5LF
B	06.12.01	韩学慧		Drawn by:	韩学慧	
A	02.11.07	王善梅		Checked by:	程久生	Transducer
Rev.	Date	Drawn	Note	Approved by:	邵凯	
BESTAR ELECTRONICS INDUSTRY CO.,LTD						BS/TET01.071B
www.be-star.com wu@be-star.com						Page: 3 of 5

BMT1212XH7.5LF

4. 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

				Date:	06.12.01	BMT1212XH7.5LF	
B	06.12.01	韩学慧		Drawn by:	韩学慧		
A	02.11.07	王善梅		Checked by:	程久生	Transducer	
Rev.	Date	Drawn	Note	Approved by:	邵凯		
BESTAR ELECTRONICS INDUSTRY CO.,LTD						BS/TET01.071B	Page: 4 of 5
www.be-star.com wu@be-star.com							

BMT1212XH7.5LF

7. History change record

[illegible]

				Date:	06.12.01	BMT1212XH7.5LF	
B	06.12.01	韩学慧		Drawn by:	韩学慧		
A	02.11.07	王善梅		Checked by:	程久生	Transducer	
Rev	Date	Drawn	Note	Approved by:	邵凯		
BESTAR ELECTRONICS INDUSTRY CO.,LTD www.be-star.com wu@be-star.com						BS/TET01.071B	Page: 5 of 5