

Magnetic-THT Buzzer with oscillator and with washing label

Electrical and Acoustical Parameter

Rated Voltage (VDC) *	5.0
Operating voltage (VDC)	3.0 – 6.5
Rated Current (mA) *	max. 30
Sound Pressure Level (dBA/10cm) *	min. 85
Resonance Frequency (Hz±300)	2300
Remark:	*Applying rated voltage

Mechanical, Environmental Parameter

Contact / Wire	Pin
Operating Temperature (°C)	-40 to +85
Storage Temperature (°C)	-40 to +85
Material Housing	PPO
Color Housing	Black
Component Weight (g)	1.6
Remark:	

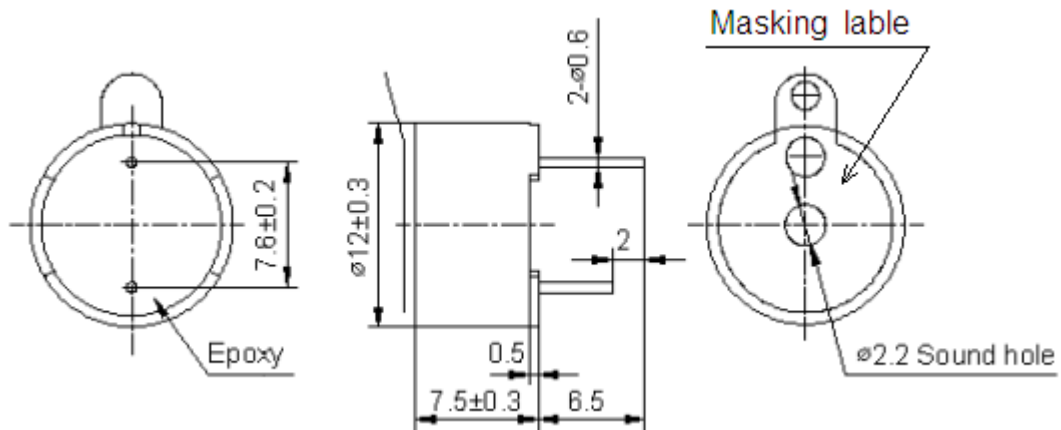
Approval

RoHs	<input checked="" type="checkbox"/>
UL	<input type="checkbox"/>

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Drawing of Component

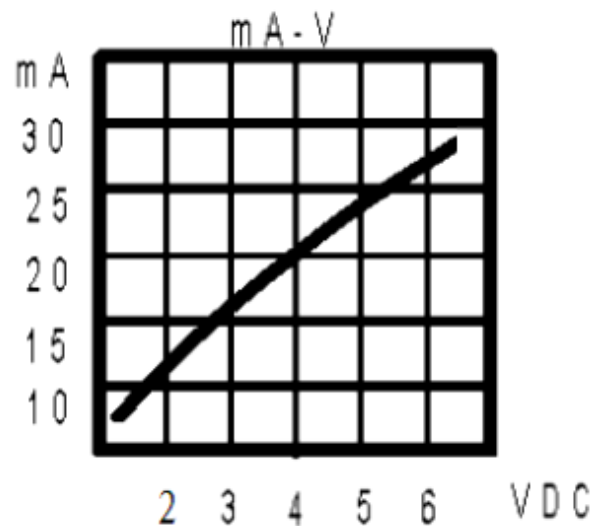
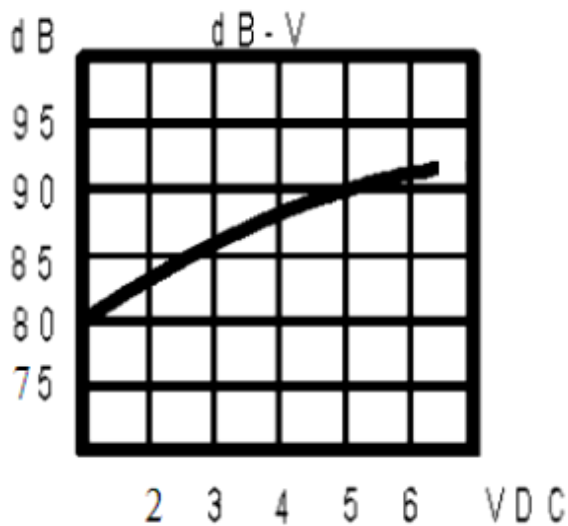
Unit:mm



Dimensions without tolerance $\pm 0,5$ mm

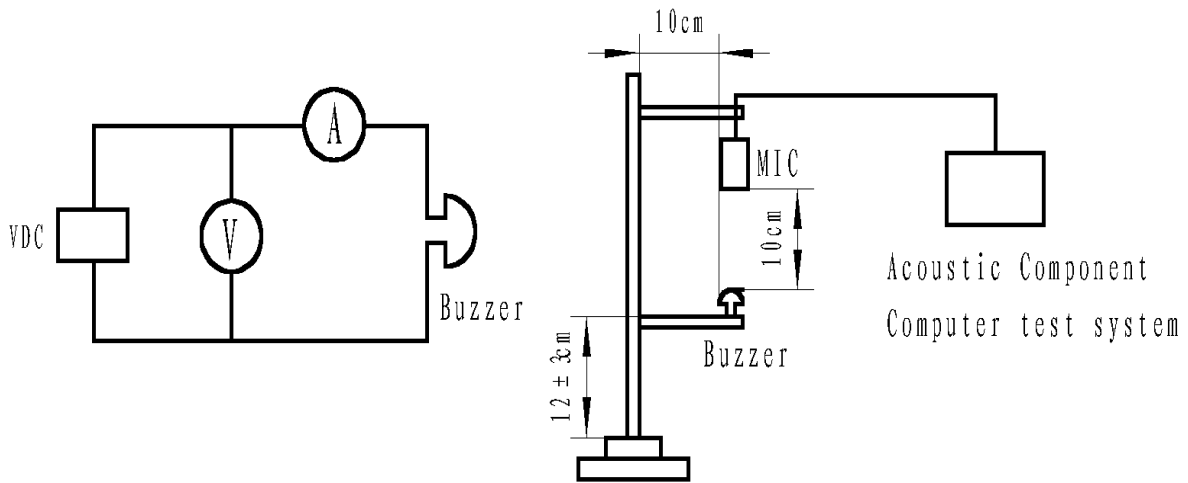
Schematic Diagrams and Characteristics

Input Voltage VS. Sound Pressure Level & Current Consumption

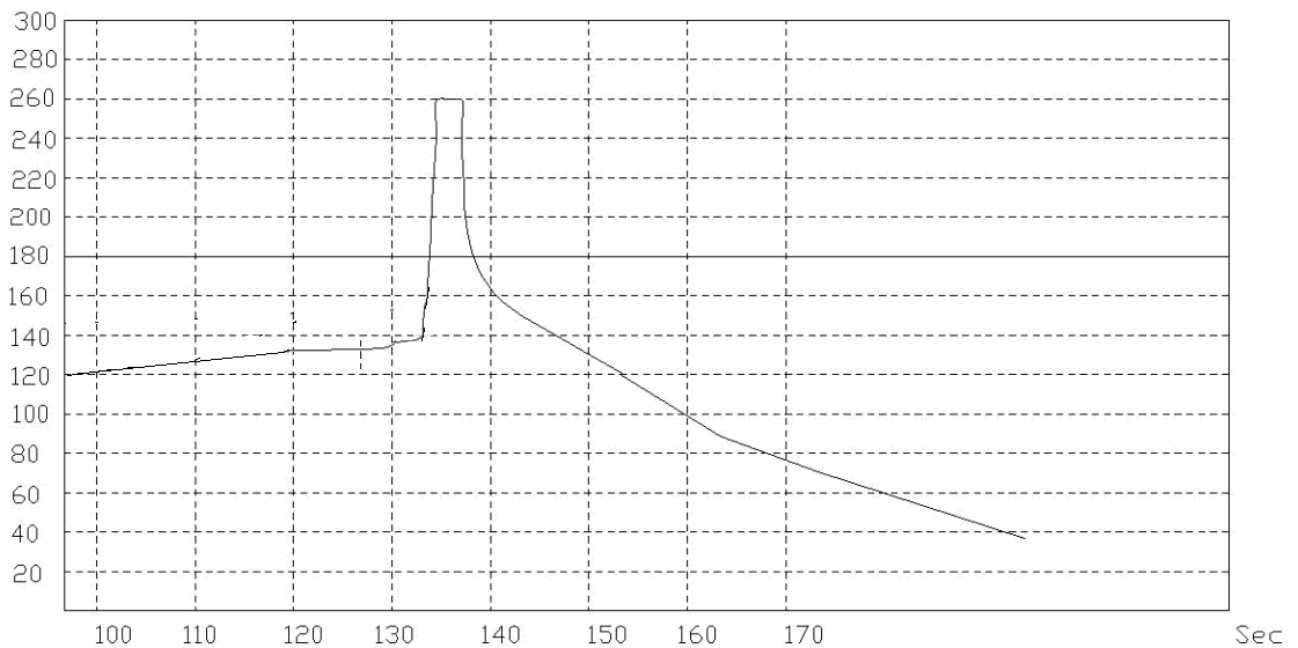


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Test Method



Recommended Temp. Profile for Waving soldering



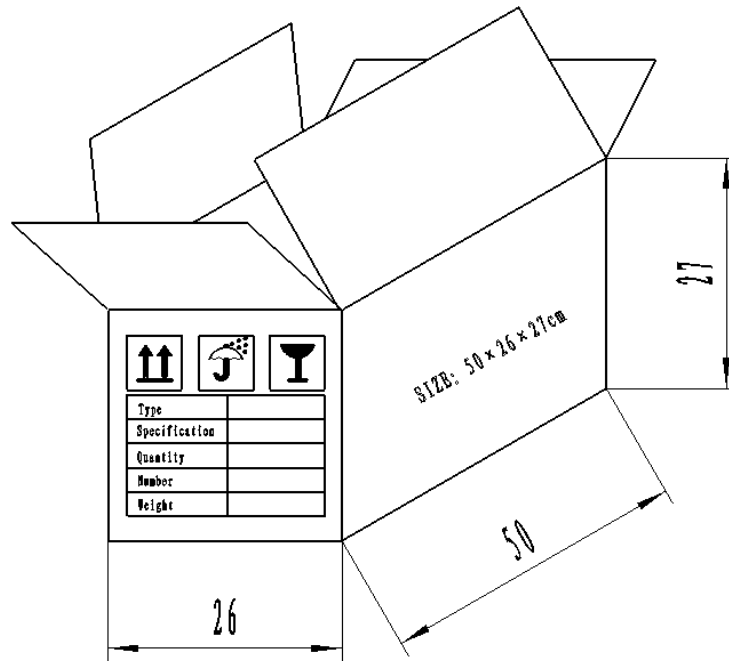
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ReliabilityTest

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	40±2°C, 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	+85±2°C, 96HRS	
3	Low temp.	-40±2°C, 96HRS	
4	Temperature cycling	-40±2°C, 30 minutes room temp. 15 minutes +85±2°C, 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the surface of 10mm thick wooden board.	
6	Vibration test	Make the test for the directions of X Y and Z (total 0.5 hours). To-and-fro sweep time (from 10 to 55 Hz and then 55 to 10) under single amplitude of 1.0mm is 1 minute.	
7	Solder heat resistance	The part leads (pins) shall be immersed in molten solder maintained at 260±5°C for a period of 10 seconds. Refer to GB2423.28	

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Packaging Information



NOTES:

- 1.100 PCS per box
- 2.Total 30 boxes per carton
- 3.Total 3000 PCS carton
- 4.Volume:50×26×27cm

Revision Table

Index Nr.	Reason - Procedure Change description	Date	Name	Comments
1	Drawing, Packaging, Weight	16.03.2016	Michael Zeich	
2	Change Operating Voltage, Update Drawing, Schematic Diagrams and Characteristics	20.11.2017	Uwe Bartsch	

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