

Electrical and Acoustical Parameter

Rated Voltage (Vp-p) *	5.0
Max Input Voltage (Vp-p)	25.0
Rated Current (mA) *	max. 5.0
Capacitance (@ 120Hz (pF))	15000±30%
Sound pressure level (dBA/10cm) *	min. 85.0
Resonance Frequency (Hz±500)	4096
Remark:	* Applying rated voltage (Resonant frequency, 1/2 duty, Square wave)

Mechanical, Environmental Parameter

Contact / Wire	Pin
Operating temperature (°C)	-20 to +70
Storage temperature (°C)	-30 to +80
Material housing	LCP
Color housing	white
Component weight (g)	1.0
Remark:	

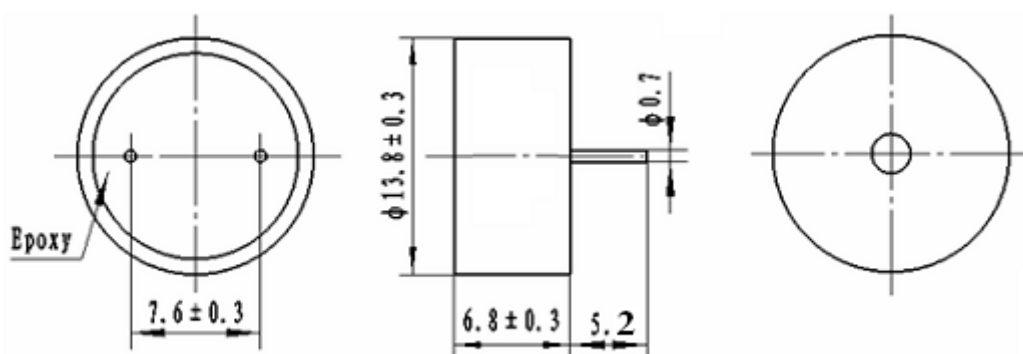
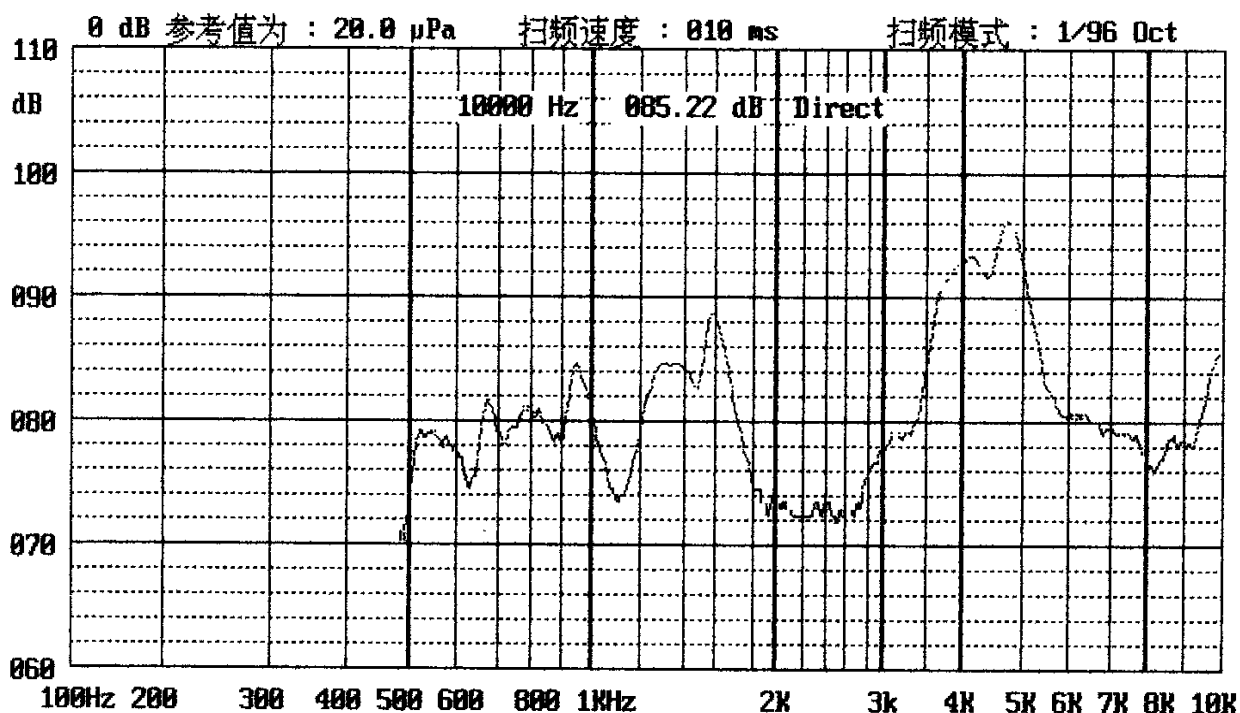
Approval

RoHs	☒
UL	☐

Designed by	MZ	30.10.2013	Dimensions without tolerance ±0.5mm	Index: 00	Current date
Released by	CB	30.10.2013	Drawing number 131030.2PDB		30.10.2013
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Drawing of Component

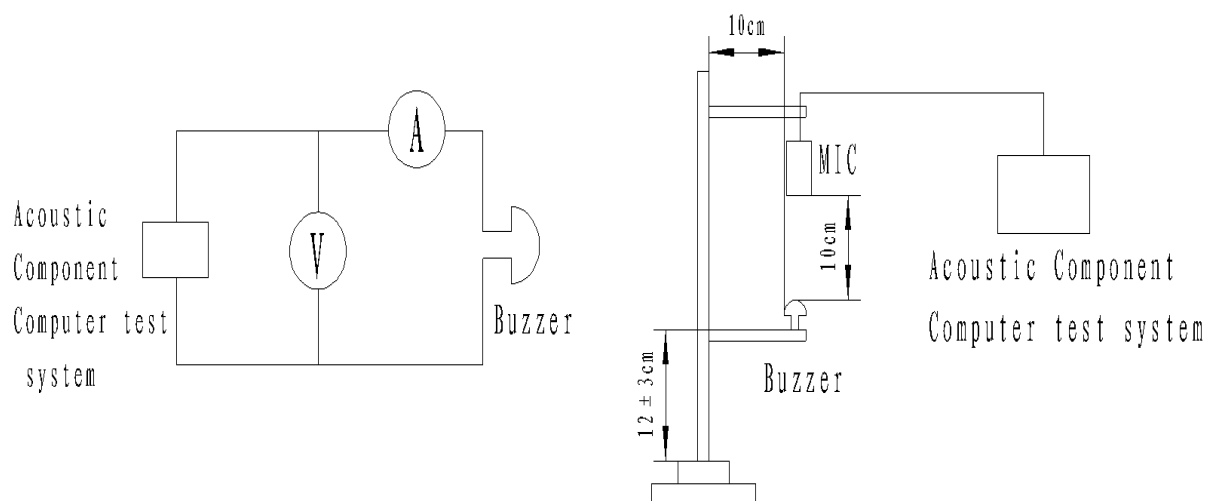
Unit:mm

Frequency Response

Designed by	MZ	30.10.2013	Dimensions without tolerance ± 0.5 mm	Index: 00	Current date
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131030.2PDB

Test Method

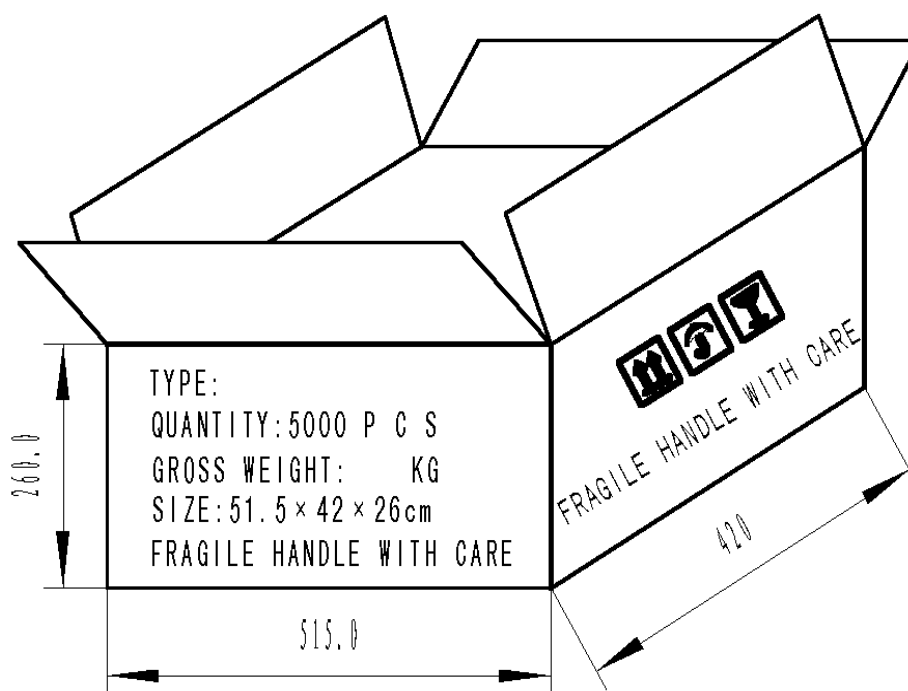


Reliability Test

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	$40 \pm 2^\circ\text{C}$, 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	$+80 \pm 2^\circ\text{C}$, 96HRS	
3	Low temp.	$-30 \pm 2^\circ\text{C}$, 96HRS	
4	Temperature cycling	$-30 \pm 2^\circ\text{C}$, 30 minutes room temp. 15 minutes $+80 \pm 2^\circ\text{C}$, 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 $250 \pm 10^\circ\text{C}$ for a period of 30 seconds.	After the test part shall meet specifications without any degradation in appearance and performance.
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Packaging Information



NOTES:

- 1.100 PCS per box
- 2.Total 50 boxes per carton
- 3.Total 5000 PCS carton
- 4.Volume: $51.5 \times 42 \times 26\text{cm}$

Revision Table

Index Nr.	Date Reason - Procedure Change description	Drawing Date	implementation	Comments
			LS-Nr.: Date	

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