

## Electrical and Acoustical Parameter

Rated voltage (Vp-p)	3.0
Operating voltage (Vp-p)	25.0
Capacitance 120Hz (PF)	15000+/-30%
Rated current (mA) *	max. 3
Sound pressure level (dBA) at 0.1m*	min. 80
Resonanz Frequency (Hz)	4000±500

Remark: \*Applying rated voltage (resonant frequency, square wave)

## Mechanical, Enviromental Parameter

Contact / Wire	Pin
Operating temperature (°C)	-20 to +70
Storage temperature (°C)	-30 to +80
Material housing	PPO
Color Housing	Black
Component weight (g)	2.0

Remark:

## Approval

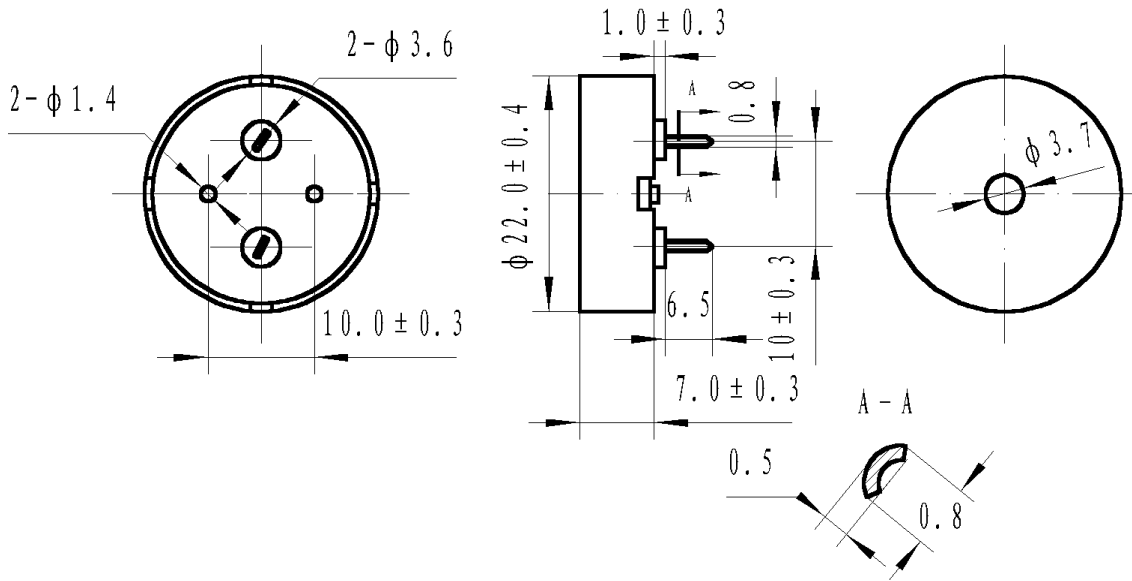
RoHs	<input checked="" type="checkbox"/>
UL	<input type="checkbox"/>



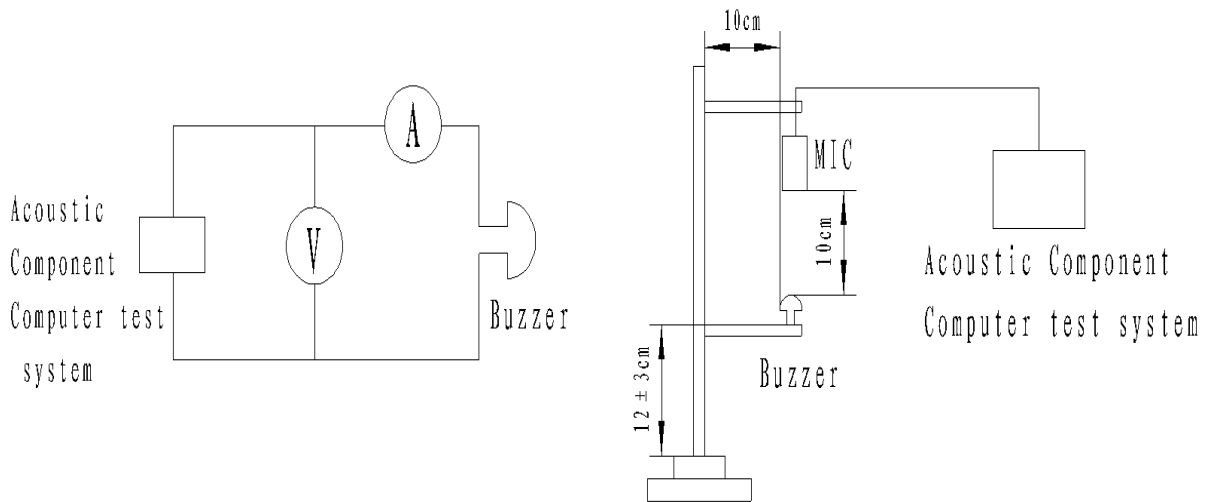
Designed by	KH	26.05.2011	Dimensions without tolerance ±0.5mm	Index: 00	Current date
Released by	PB	27.05.2011	Drawing number	<b>110526.1PDB</b>	27.05.2011
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## Drawing of Component

Unit:mm

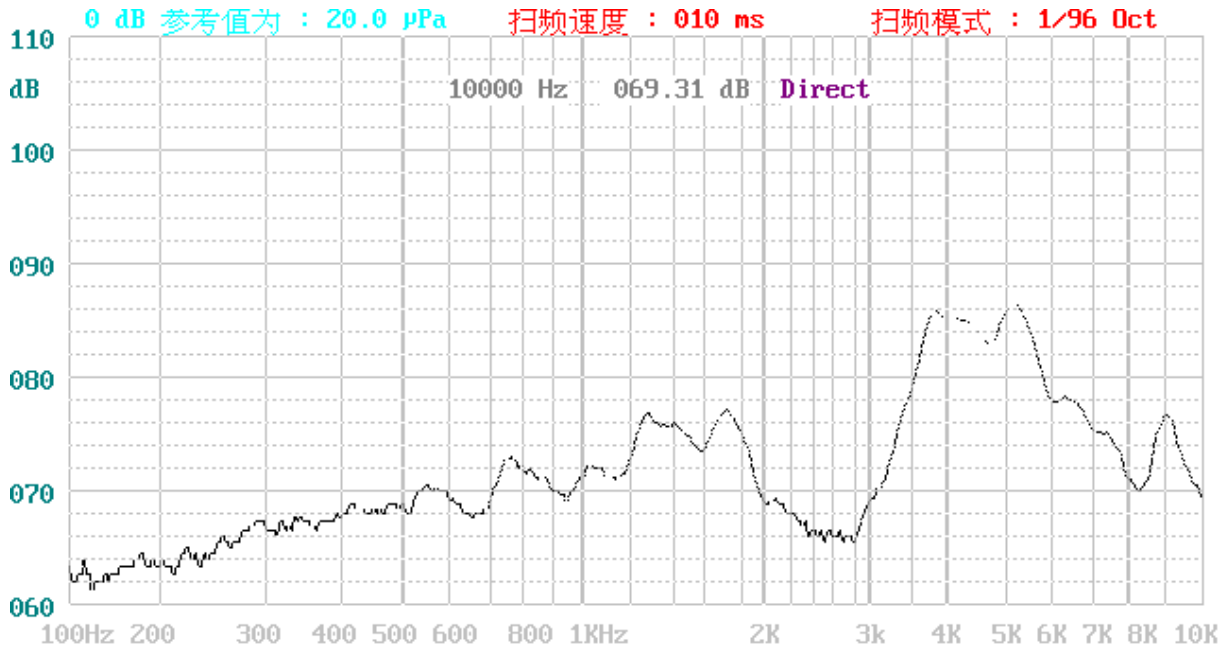


## Test method



Designed by	KH	26.05.2011	Dimensions without tolerance $\pm 0.5$ mm	Index: 00	Current date
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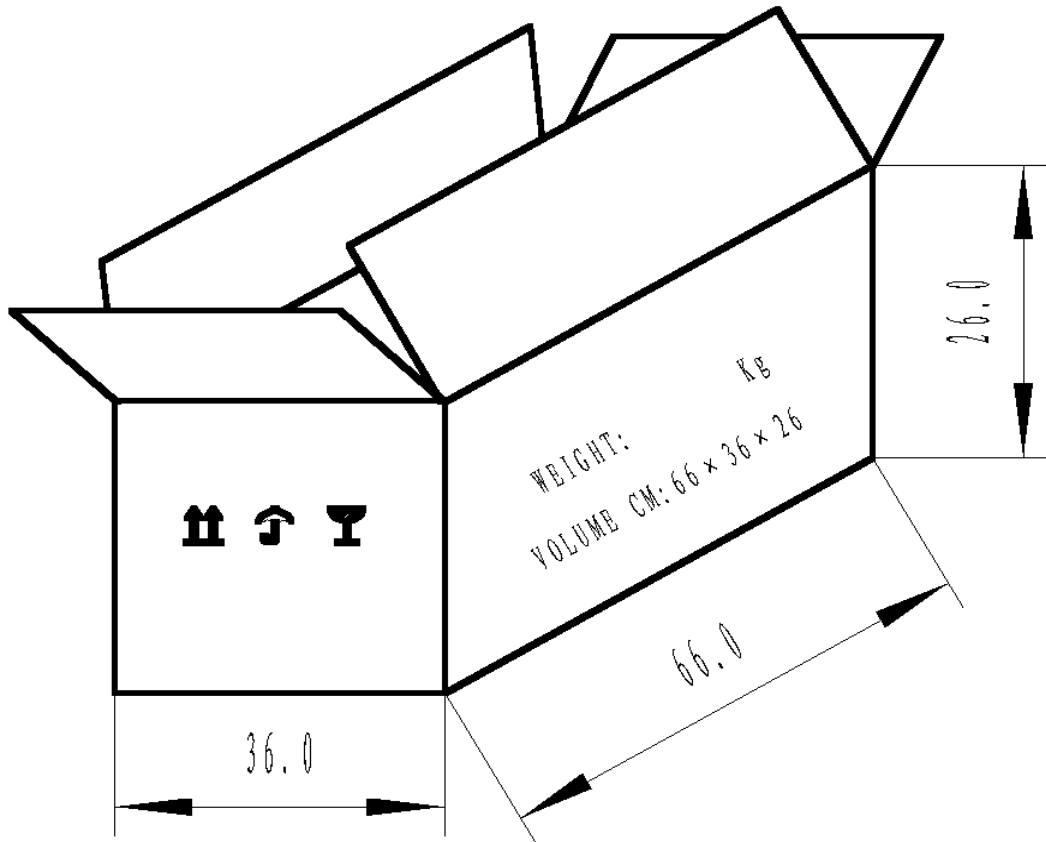
## Frequency Response



## Reliability test

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	55±5°C, 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	+80±2°C, 96HRS	
3	Low temp.	-30±2°C, 96HRS	
4	Temperature cycling	-30±2°C, 30minutes room temp. 15 minutes +125±2°C, 30 minutes room temp. 15 minutes 5 cycles	
5	Drop test	3 times from height of 70cm onto the sureface 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-fai. 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±10°C for a period of 30 seconds.	

## Packaging Information



### NOTES:

1. 50 PCS per bag
2. Total 40 bags per carton
3. Total 2000 PCS a carton
4. Volume: 66 × 36 × 26 cm

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## Revision Table

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