

# SPECIFICATION FOR APPROVAL

## ELECTRO-MAGNETIC BUZZER

Model Name	
Note	

<b>CUSTOMER</b>	<b>Cre-sound</b>
Customer name / Stamp / Sign / Date	<b>DRAWN:</b> 周文占
	<b>CHECKED:</b> 许 海
	<b>APPROVED:</b> 宋雪琪

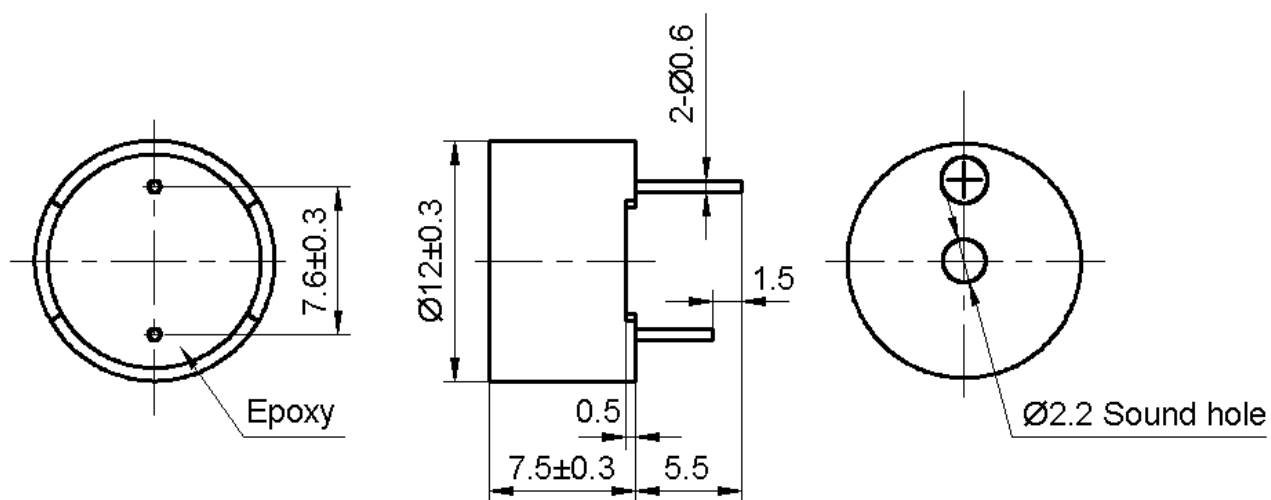


1	Rated Voltage (VDC)	3
2	Operating Voltage (VDC)	2~5
3	*Resonant Frequency (KHz)	3.1±0.3
4	*Sound Output at 10cm (dB)	≥85
5	*Current Consumption (mA)	≤30
6	Operating Temperature (°C)	-40~+85
7	Storage Temperature (°C)	-40~+90
8	Weight (g)	1.8
9	Housing Material	PPO

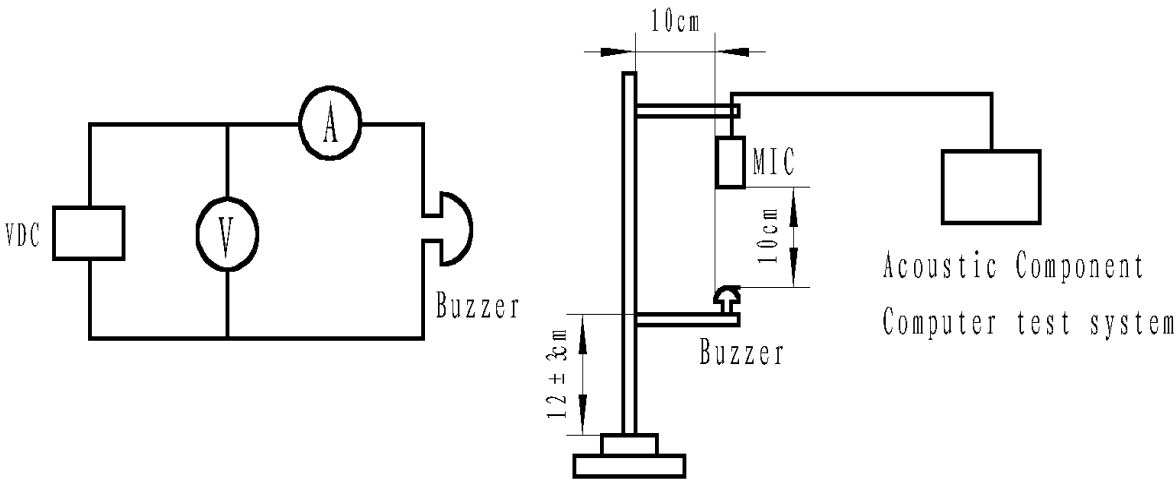
\*Applying rated voltage (VDC)

## DIENSIONS (UNIT: mm)

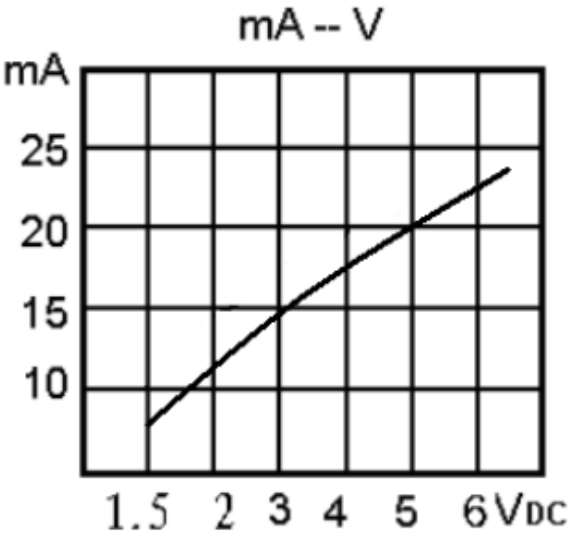
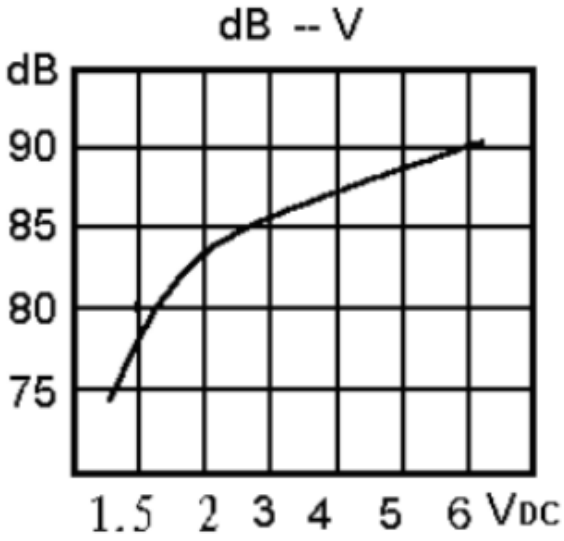
Tolerance: ±0.5mm Except Specified



**TEST METHOD:**



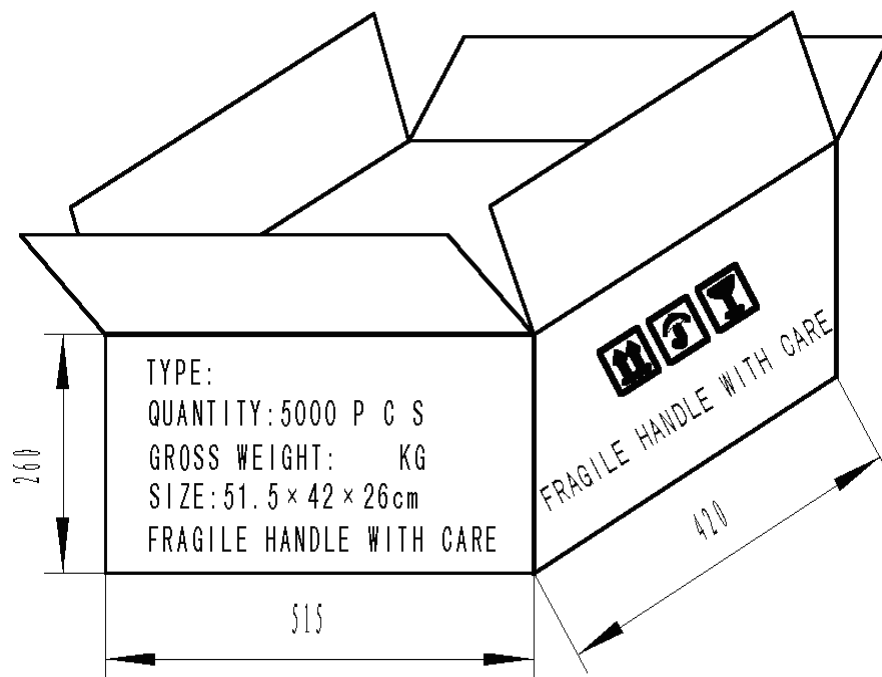
**Input Voltage VS. Sound Pressure Level & Current Consumption**



**RELIABLY TEST:**

NO.	ITEM	TESTING CONDITION	VARIANCE AFTER TEST
1	Humidity	$40 \pm 5^{\circ}\text{C}$ , 93(+2/-3)%RH, 96HRS	All specifications must be satisfied after the test.
2	High temp.	$+90 \pm 2^{\circ}\text{C}$ , 96HRS	
3	Low temp.	$-40 \pm 2^{\circ}\text{C}$ , 96HRS	
4	Temperature cycling	$-40 \pm 2^{\circ}\text{C}$ , 30 minutes room temp. 15 minutes $+90 \pm 2^{\circ}\text{C}$ , 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 $260 \pm 5^{\circ}\text{C}$ for a period of 10 seconds.Refer to GB2423.28.	After the test part shall meet specifications without any degradation in appearance and performance.

## PACKING:



## NOTES:

1. 100 PCS per box
2. Total 50 boxes per carton
3. Total 5000 PCS carton
4. Volume:  $51.5 \times 42 \times 26$ cm