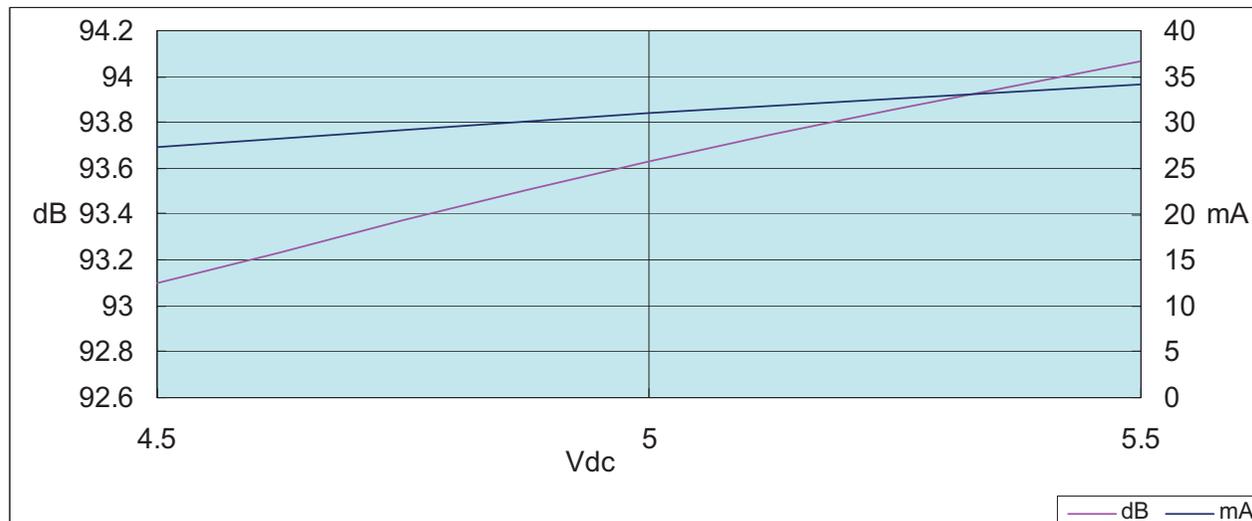


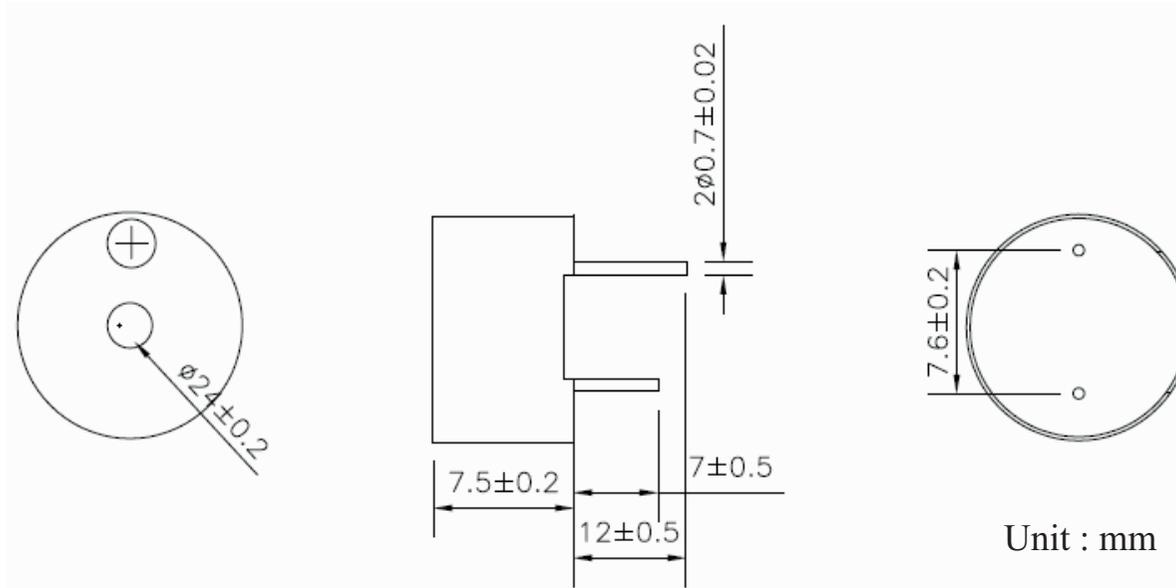
1 . Electrical Characteristics

Oscillation Frequency (KHz)	2.3 ± 0.4
Operating Voltage (Vdc)	4.5 ~ 5.5
Rated Voltage (Vdc)	5.0
Current Consumption (mA/max)	50 at Rated Voltage
Sound Pressure Level (dB/min)	85 at 10cm at Rated Voltage
Tone/Pulse Rate	Constant
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Wave soldering conditions	245±5°C for 3±0.5 seconds.
Manual soldering conditions	350±20°C / within 5sec

2 . Voltage/ Current / Sound Pressure



3 . Dimensions and Material



3-2 Material

Housing	PPO plastic resin (Color : Black)
Leading Pin	Tin Plated Brass
Weight (Gram)	1.6

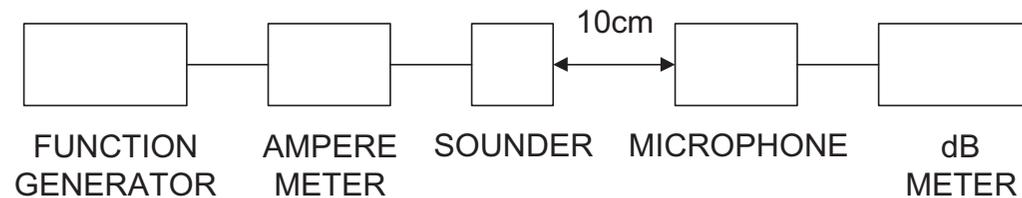
4. TESTING METHOD

• *Standard Measurement conditions*

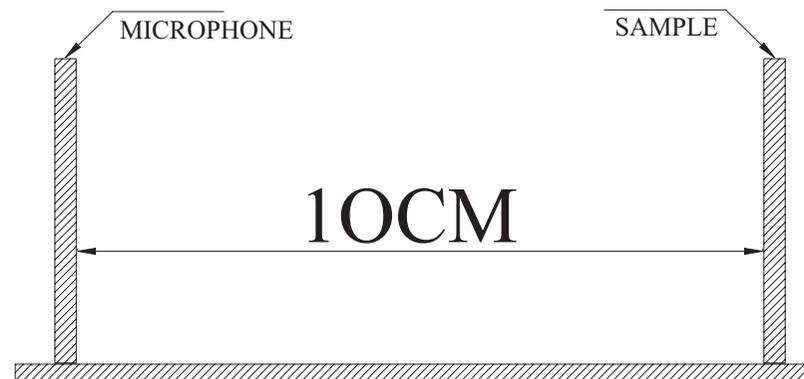
Temperature: 25 ± 2 °C Humidity: 45-60%

• *Acoustic Characteristics*

The oscillation frequency, current consumption and sound pressure are measured by the measuring instruments shown below.



In the measuring test, buzzers is placed as follows:



5. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
Coldness withstanding	After 98 hours of being exposed to -30 °C environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Hotness withstanding	After 98 hours of being exposed to +80 °C environment, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Humidity withstanding	After 98 hours of being exposed to 40 °C 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.	No abnormality shall exist
Durability	Testing after 1,000 hours actual continuous operation. (at standard measurement conditions)	No abnormality shall exist
Drop withstanding	A natural drop from 75cm high down to the ground.	No abnormality shall exist
Vibration withstanding	Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.	No abnormality shall exist

6. PACKAGE METHOD

< 1 > 100pcs per box , Total 10 boxes per carton , total 1000pcs carton;
 Volume: L*W*H=510*330*300mm

< 2 > RoHS Mark

