



# HITPOINT

TEL:8862-26013311

FAX:8862-26013898

NO.4 Lane 505, Zhongzheng Rd., Linkou Shiang, Taipei, Taiwan 24445 . R.O.C

## Magnetic Buzzer

### PB-09N27PST-05XQ

(RoHS)

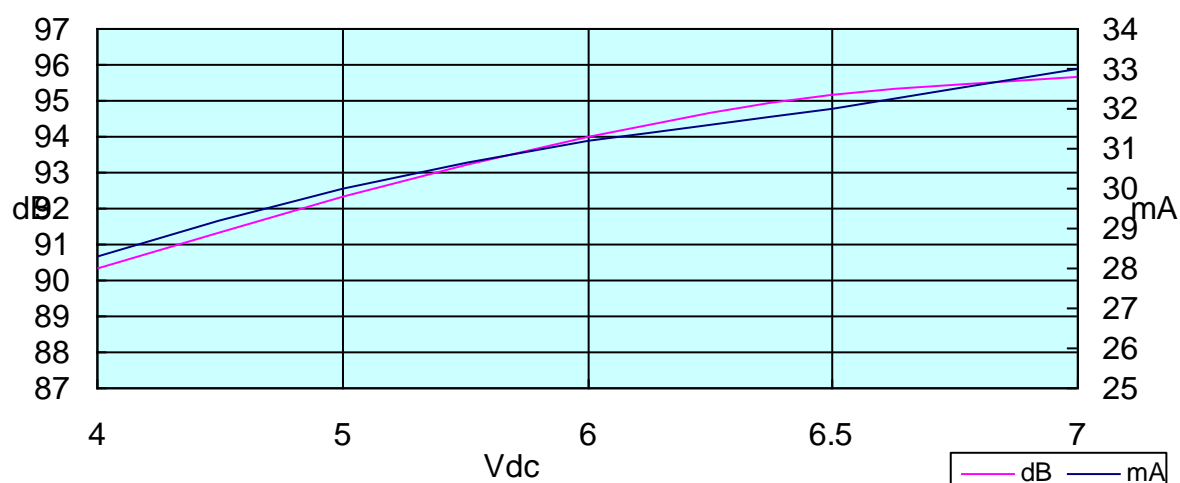
DATE:2014.12.18

#### 1 . Electrical Characteristics

VER.:3

Oscillation Frequency (Hz)	$2731 \pm 500$
Operating Voltage (Vdc)	4.0 ~ 7.0
Rated Voltage (Vdc)	5.0
Current Consumption (mA/max)	30 at Rated Voltage
Sound Pressure Level (dB/min)	85 at 10cm at Rated Voltage
Tone/Pulse Rate	Constant
Operating Temperature (°C)	-40 ~ +85
Storage Temperature (°C)	-40 ~ +85
Condition by wave (°C)	$260 \pm 5^{\circ}\text{C}$ / within 5sec
Condition by hand (°C)	$350 \pm 20^{\circ}\text{C}$ / within 5sec

#### 2 . Voltage/ Current / Sound Pressure





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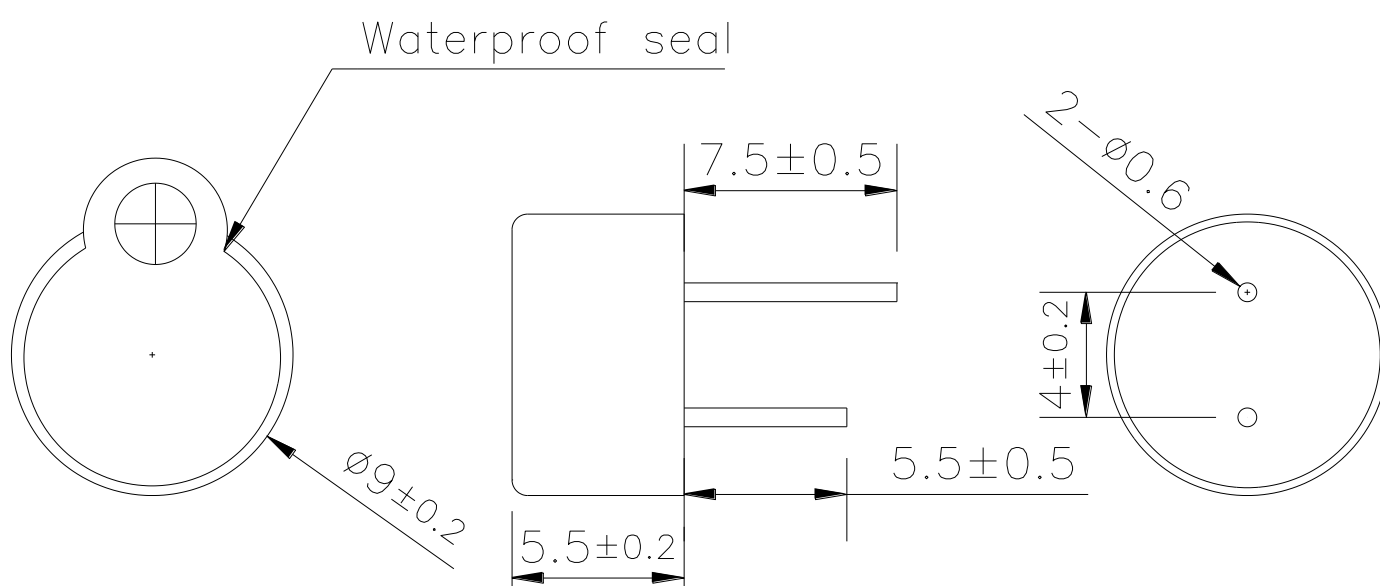
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## 3 . Dimensions and Material

### 3-1 Shape



Unit : mm

### 3-2 Material

Housing	PPO plastic resin (Color : Black)
Leading Pin	Tin Plated Brass
Weight (Gram)	0.8



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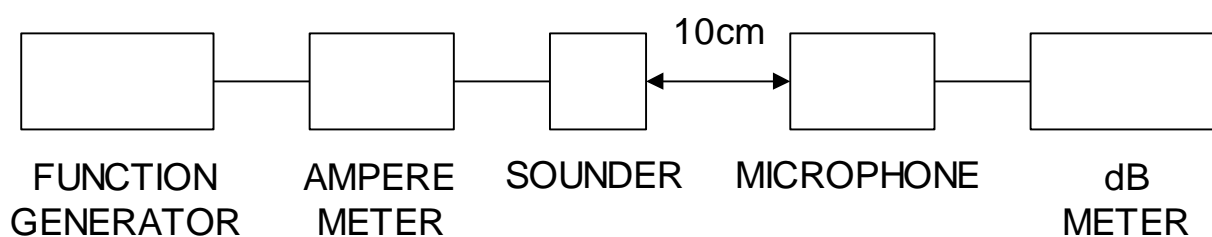
## 4. TESTING METHOD

### • **Standard Measurement conditions**

*Temperature:  $25 \pm 2^\circ\text{C}$  Humidity: 45-60%*

### • **Acoustic Characteristics**

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





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## 5. RELIABILITY

<b>ITEMS</b>	<b>METHOD OF TEST AND MEASUREMENTS</b>	<b>PERFORMANCE</b>
<i>Coldness withstanding</i>	<i>After 98 hours of being exposed to -40℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Hotness withstanding</i>	<i>After 98 hours of being exposed to +85℃ environment, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Humidity withstanding</i>	<i>After 98 hours of being exposed to 40℃ 95%RH environment in actual operation, should be returned to normal environment for 2 hours, then re-proceed to test.</i>	<i>No abnormality shall exist</i>
<i>Durability</i>	<i>Testing after 1,000 hours actual continuous operation. (at standard measurement conditions)</i>	<i>No abnormality shall exist</i>
<i>Drop withstanding</i>	<i>A natural drop from 75cm high down to the ground.</i>	<i>No abnormality shall exist</i>
<i>Vibration withstanding</i>	<i>Vibration of 2,000 cycles per minute, 2mm amplitude, applied in X, Y and Z directions for 30 minutes each.</i>	<i>No abnormality shall exist</i>

## 6. PACKAGE METHOD

<1> 100pcs per box , Total 40 boxes per carton , total 4000pcs carton;

Volume: L\*W\*H=520\*335\*290mm

<2 >N . W . : 3.2KGS ; G . W . : 4.4KGS ;

<3> RoHS Mark