



HITPOINT

TEL:8862-26013311
FAX:8862-26013898

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

Magnetic Buzzer PB-12N24M-05TRQ

(RoHS)

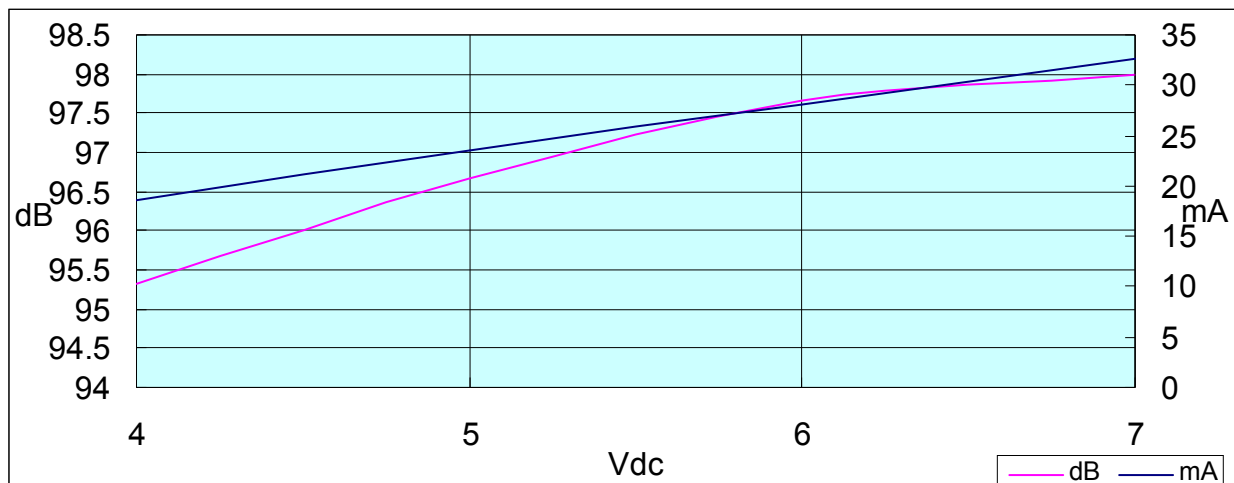
DATE:2009.02.25

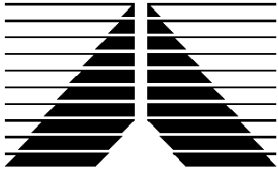
1 . Electrical Characteristics

VER :6

| | |
|------------------------------------|-----------------------------|
| Resonant Frequency (Hz) | 2400 ± 300 |
| 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) | 90 at 10cm at Rated Voltage |
| Tone/Pulse Rate | Constant |
| Operating Temperature (°C) | -20 ~ +70 |
| Storage Temperature (°C) | -30 ~ +80 |
| Condition by reflow soldering (°C) | 250±5°C / within 5sec |
| Condition by hand (°C) | 350±20°C / within 5sec |

2 . Voltage/ Current / Sound Pressure





HITPOINT

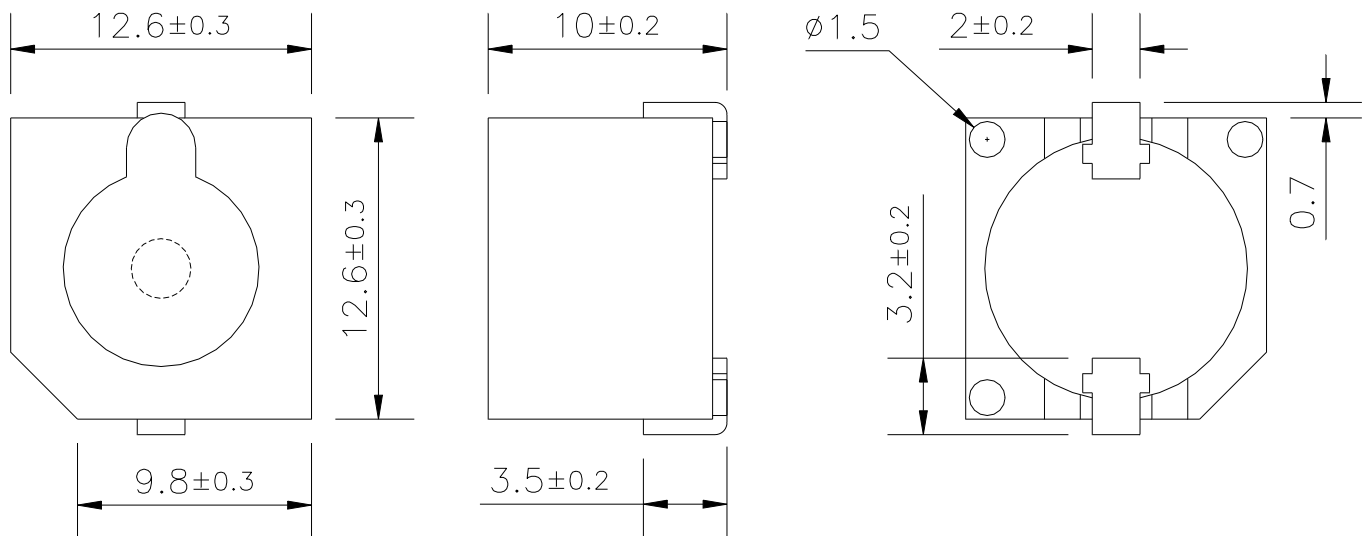
TEL:8862-26013311

FAX:8862-26013898

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

3 . Dimensions and Material

3-1 Shape



Unit : mm

3-2 Material

| | |
|------------------------------|----------------------------------|
| Housing | PPS plastic resin (Color : Gray) |
| Type Of Connection Terminals | SMD |
| Weight (Gram) | 2.8 |



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

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

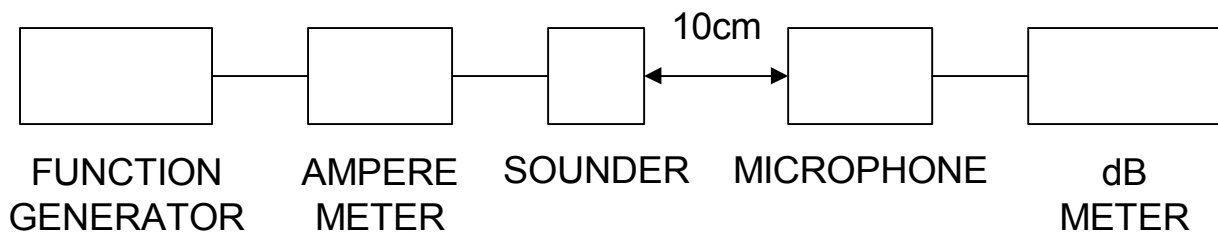
4. TESTING METHOD

• *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.





HITPOINT

TEL:8862-26013311

FAX:8862-26013898

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

5. RELIABILITY

| ITEMS | METHOD OF TEST AND MEASUREMENTS | PERFORMANCE |
|-----------------------------------|---|---------------------------------------|
| <i>Coldness withstanding</i> | <i>After 98 hours of being exposed to -30 °C 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 +80 °C 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 °C 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>250pcs per reel , Total 8 reels per carton , total 2000pcs carton;

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

<2>N . W . : 5.6KGS ; G . W . : 6.8KGS ;

<3 > RoHS Mark: