



HITPOINT

TEL:8862-26013311

FAX:8862-26013898

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

Piezo Electric Buzzer PF-27N30EWQ

(RoHS)

DATE:2014.03.10

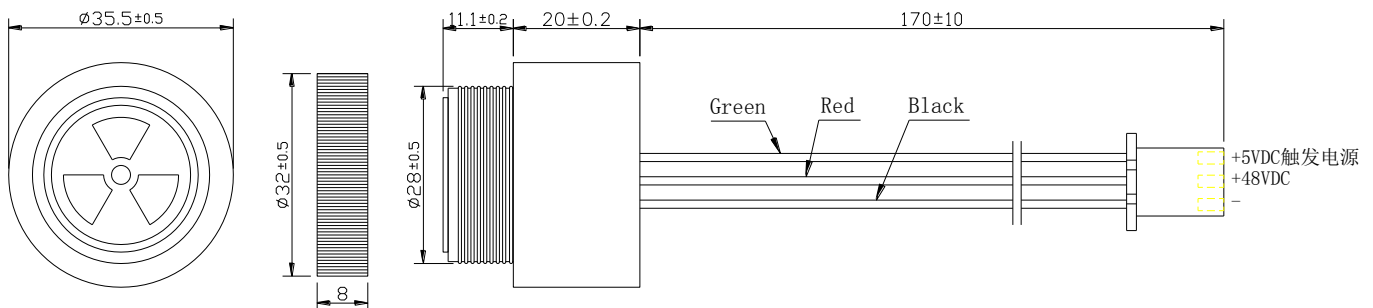
VER.:0

1 . Electrical Characteristics

Oscillation Frequency (KHz)	3.0±0.5
Operating Voltage (Vdc)	24 ~ 50
Rated Voltage (Vdc)	48
Current Consumption (mA/max.)	55 at Rated Voltage
Sound Pressure Level (dB/min.)	105 at 10cm at Rated Voltage
Tone/Pulse Rate (Hz)	Pulse 2.0±20%
Operating Temperature (°C)	-30 ~ +65
Storage Temperature (°C)	-40 ~ +85

2 . Dimensions and Material

2-1 Shape



Unit:mm



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2-2 Material

Housing	ABS 757 UL94HB plastic resin (Color : Black)
Leading Wire	22AWG
Weight (Gram)	28

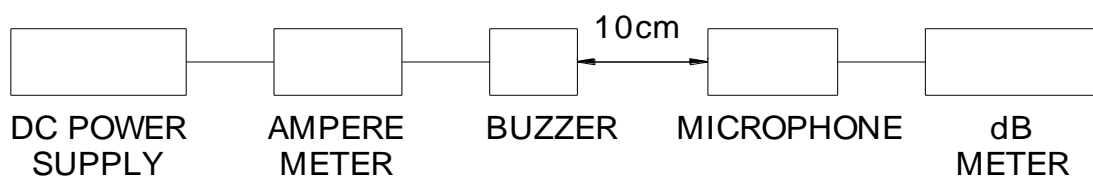
3. TESTING METHOD

• *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.





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4. RELIABILITY

ITEMS	METHOD OF TEST AND MEASUREMENTS	PERFORMANCE
<i>Coldness withstanding</i>	<i>After 98 hours of being exposed to -40 °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 +85 °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 98 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>

5. PACKAGE METHOD

<1> 60pcs per box , Total 10 boxes per carton , total 600pcs carton;

Volume: L*W*H=510*330*300mm。

<2> RoHS Mark