



# HITPOINT

TEL:8862-26013311

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

## Piezo Electric Buzzer PF-27A35EPDG-24VQ

(RoHS)

DATE:2012-4-24

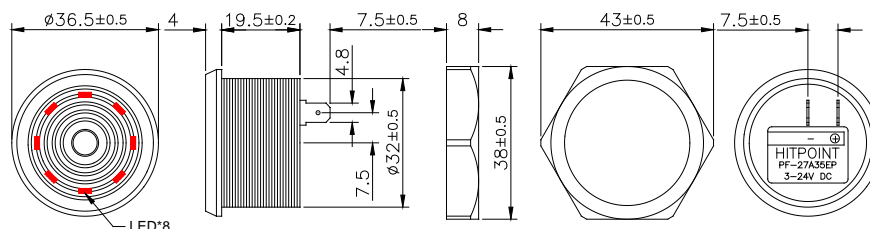
### 1 . Electrical Characteristics

VER .:0

Oscillation Frequency (KHz)	3.5 ±0.5
Operating Voltage (Vdc)	6 ~ 28
Rated Voltage (Vdc)	24
Current Consumption (mA/max.)	18 at Rated Voltage
Sound Pressure Level (dB/min.)	95 at 30cm at Rated Voltage
Tone/Pulse Rate (Hz)	Fast Pulse 3.0 ±20% at Rated Voltage
LED Colour	GREEN
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80

### 2 . Dimensions and Material

#### 2-1 Shape



Unit : mm



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## 2-2 Material

Housing	ABS 757 UL94HB plastic resin (Color : Hyaline)
Leading Pin	Tin Plated Brass
Weight (Gram)	21

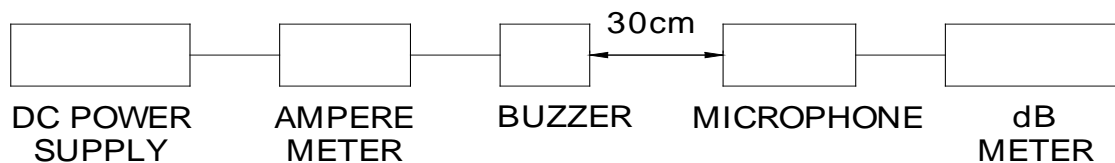
## 3. TESTING METHOD

### · *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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#### 4. 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 -30℃ 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℃ 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>

#### 5. PACKAGE METHOD

<1> 50pcs per box , Total 10 boxes per carton , total 500pcs carton;

Volume: L\*W\*H=510\*330\*300mm

<2>N . W . : 11KGS ; G . W . : 13KGS ;

<3 > RoHS Mark