

## HITPOINT

TEL:8862-26013311 FAX:8862-26013898

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

# Piezo Electric Buzzer PK-27A35EPDGQ

(RoHS)

DATE:2012-3-8

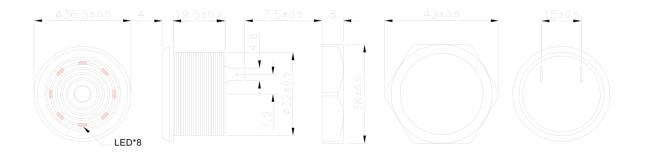
#### 1. Electrical Characteristics

VER .:0

Oscillation Frequency (KHz)	3.5 ±0.5	
Operating Voltage (Vdc)	3 ~ 15	
Rated Voltage (Vdc)	12	
Current Consumption (mA/max.)	18 at Rated Voltage	
Sound Pressure Level (dB/min.)	95 at 30cm at Rated Voltage	
Tone/Pulse Rate	Constant	
LED Colour	GREEN	
Operating Temperature ( °C)	<b>-</b> 20 ∼ +70	
Storage Temperature ( °C)	<b>-</b> 30 ∼ +80	

#### 2. Dimensions and Material

### 2-1 Shape



Unit: mm



## HITPOINT

TEL:8862-26013311 FAX:8862-26013898

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

#### 2-2 Material

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

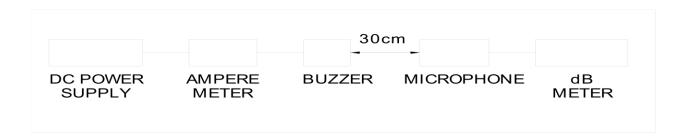
#### 3. TESTING METHOD

#### · Standard Measurement conditions

Temperature:  $25\pm2$  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

#### 4. RELIABILITY

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

#### **5. PACKAGE METHOD**

<1> 50pcs per box, Total 10 boxes per carton, total 500pcs per carton; Volume: L\*W\*H=520\*335\*290mm

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

< 3 > RoHS Mark