MALLORY Mallory Sonalert Products Inc.	Part #	PB-09C27PE-05AQ
Sales Outline Drawing	Revision	A

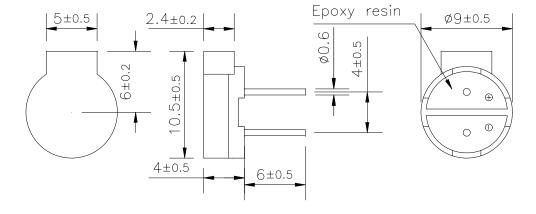
## **Specifications:**

Cations.	
Oscillation Frequency (Hz)	2731
Operating Voltage (Vp-p)	$4.5 \sim 5.5$
Rated Voltage (Vp-p)	5.0
Current Consumption Max. (mA)	70 at Rated Voltage
Sound Pressure Level (dB/min)	85 at 10cm at Rated Voltage
Coil Resistance ( $\Omega$ )	$30 \pm 3$
Operating Temperature (°C)	<b>-</b> 30 ∼ +70
Storage Temperature (°C)	$-40 \sim +80$
Lead Pin	Tin Plated Brass
Housing	PPO plastic resin
	(Color: Black)
Weight (Grams)	0.5
Condition by wave soldering (°C)	$245 \pm 5 / 3 \pm 0.5 \text{ sec}$
Condition by hand soldering (°C)	$350 \pm 20$ / within 5 sec
Options	For other options contact factory

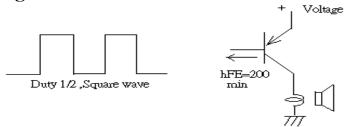
PS: Vp-p = 1/2 duty, square wave

**RoHS Compliant** 

## **Dimensions:** (units: mm)



## **Recommended Driving Circuit:**



The base current Ib should be high enough so that it saturates the collector current of the transistor with the CB load.