# MALIORY Mallory Sonalert Products Inc. Sales Outline Drawing Part # AST612Q Revision D

### **Specifications:**

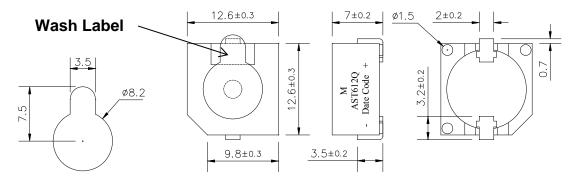
#### **NO CIRCUITRY**

Oscillation Frequency (Hz)	$2400 \pm 400$
Operating Voltage (Vp-p/max)	8.0 ~ 16
Rated Voltage (Vp-p)	12.0
Current Consumption Max. (mA)	50 at Rated Voltage
Sound Pressure Level Min. (dB/min)	87 at 10cm at Rated Voltage
Coil Resistance ( $\Omega$ )	$140 \pm 14$
Operating Temperature (°C)	<b>-</b> 30 ∼ +85
Storage Temperature (°C)	<b>-</b> 40 ∼ +85
Housing	PPS plastic resin (Color : Gray)
Type of Connection	SMD
Weight (Grams)	2.6
Condition by reflow soldering (°C)	$250 \pm 5$ / within 5 sec
Condition by hand soldering (°C)	$350 \pm 20$ / within 5 sec
Options	For other options contact factory

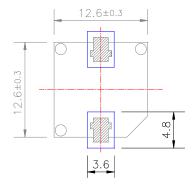
**Dimensions:** (units: mm)

$$Vp-p = 1/2duty$$
, square wave

#### **RoHS Compliant**



#### **Recommended PCB Layout:**



#### **Packaging:**

Parts are supplied in tubes (35 pieces per tube).

Units come with wash label and are appropriate for aqueous wash.

## **Mouser Electronics**

**Authorized Distributor** 

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Mallory Sonalert:

AST612Q