MALLORY Mallory Sonalert Products Inc.	Part #	AST1109MLQ
Sales Outline Drawing	Revision	D

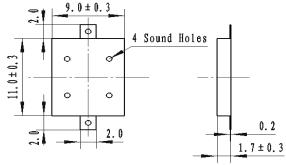
May not be suitable for all Medical and Aerospace applications. Contact Mallory Sonalert to discuss your application. NO CIRCUITRY

Oscillation Frequency (Hz)	4100 ± 500
Operating Voltage (Vp-p)	1 ~ 20
Rated Voltage (Vp-p)	5.0
Current Consumption Max. (mA)	1.0 at Rated Voltage
Sound Pressure Level (dB/min)	73 at 10cm at Rated Voltage
Capacitance (pF)	$12000 \pm 30\%$ at 100 Hz
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Type of Connection Terminal	SMD
Housing	LCP plastic resin (Color : Black)
Weight (Grams)	0.25
Condition by reflow soldering (°C)	$245 \pm 5 / 1 \text{ min}$
Condition by hand soldering (°C)	350 ± 20 / within 5 sec
Options	For other options contact factory

Dimensions: (units: mm)

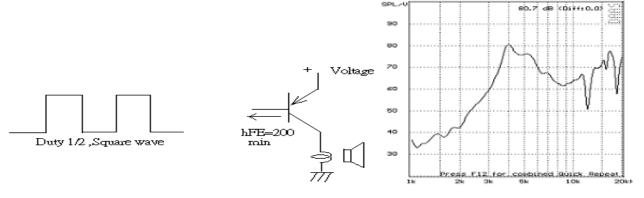
PS: Vp-p=1/2duty, square wave

ROHS Compliant



Recommend Driving Circuit

Typical Frequency Response Curve



Packaging: Parts are supplied on Cut-Tape.

Units do not come with wash label and are not appropriate for aqueous wash.