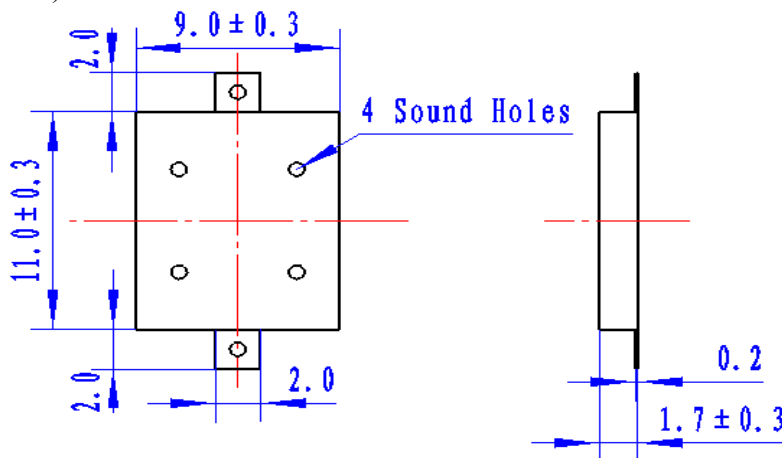
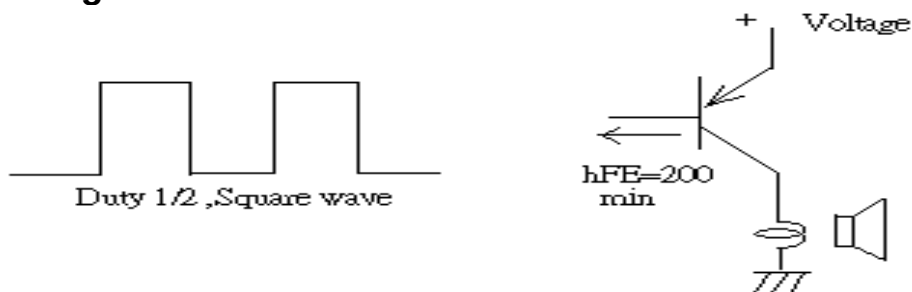


Sales Outline Drawing

Revision

A**Specifications:**

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 ± 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 ± 5 / 1 min
Condition by hand soldering (°C)	350 ± 20 / within 5 sec
Options	For other options contact factory
PS : Vp-p=1/2duty, square wave	
RoHS Compliant	

Dimensions: (units: mm)**Recommend Driving Circuit**

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

AST1109MLQ & AST1109MLTRQ**Frequency Response:**