

MALLORY**Mallory Sonalert Products Inc.**

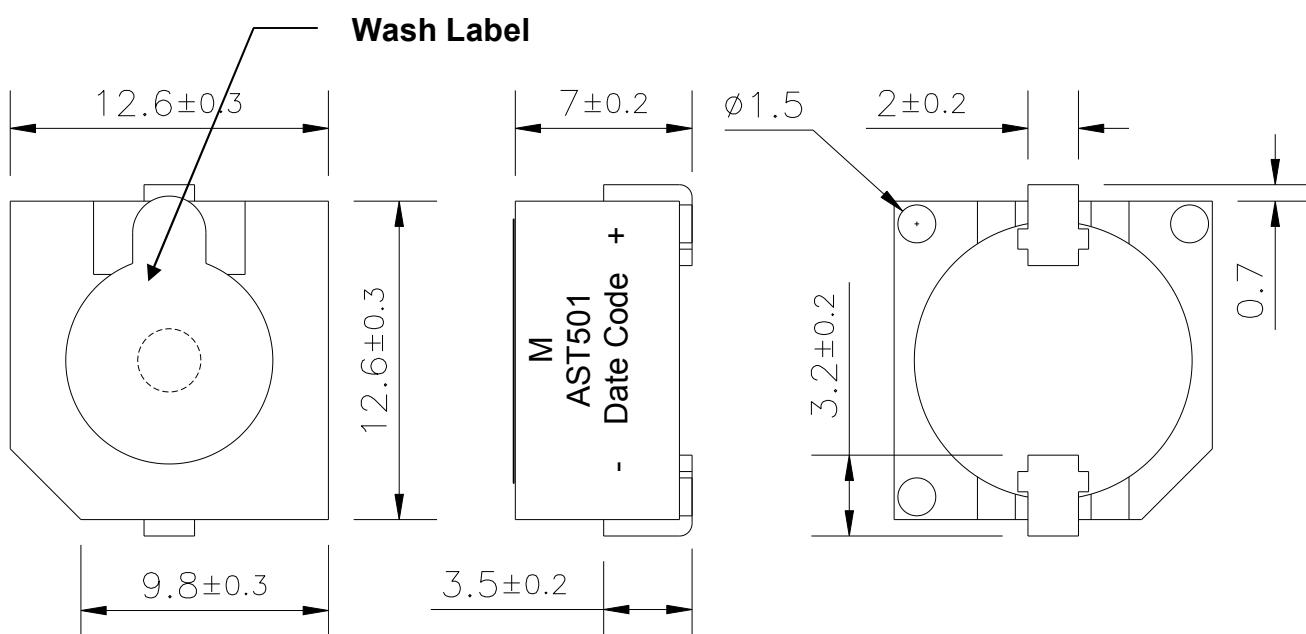
Part #

AST501Q**Sales Outline Drawing**

Revision

A**Specifications:**

Resonant Frequency (Hz)	2400
Operating Voltage (Vp-p)	1.0 ~ 2.0
Rated Voltage (Vp-p)	1.5
Current Consumption Max. (mA)	50 at Rated Voltage
Sound Pressure Level Min. (dB)	85 at 10cm at Rated Voltage
Coil Resistance (Ω)	15 ± 3
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Housing	PPO plastic resin (Color: Gray)
Type of Connection Terminals	SMD
Weight (Grams)	2.6
Options	For other options contact factory

RoHS Compliant**Dimensions:** (units: mm)**Packaging:**

Parts are supplied in Tubes- 35 parts per Tube

Direct Drive Transducer Operation:

Direct drive transducer devices do not have any included DC circuitry, so the user must apply a sine or square wave with the appropriate rated frequency. A square wave will typically result in more sound level than a sine wave. The higher the peak-to-peak voltage applied (up to the maximum rated voltage), the higher the resulting sound level.

Frequency Response: