MALIORY Mallory Sonalert Products Inc. Sales Outline Drawing Part # AST100Q Revision D

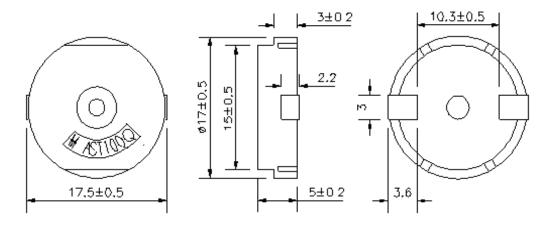
Specifications:

Oscillation Frequency (Hz)	4000 ± 500
Operating Voltage (Vp-p/max)	15
Rated Voltage (Vp-p)	5.0
Current Consumption Max. (mA)	1.5 at Rated Voltage
Sound Pressure Level Min. (dB/min)	80 at 10cm at 5V Square Wave
Capacitance (pF)	$10000 \pm 30\%$
Soldering Condition	250 °C/15 sec (max)
Operating Temperature (°C)	- 20 ∼ +70
Storage Temperature (°C)	- 40 ∼ +85
Housing	PPS plastic resin (Color: Brown)
Type of Connection	SMD
Condition by reflow soldering (°C)	$245 \pm 5 / 1 \text{ min}$
Condition by hand soldering (°C)	350 ± 20 / within 5 sec
Weight (g)	1.4
Options	For other options contact factory

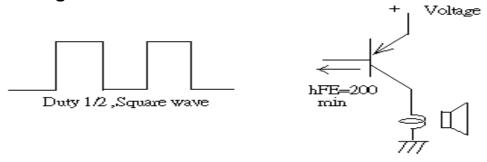
Dimensions: (units: mm)

Vp-p = 1/2duty, square wave

ROHS Compliant



Recommend Driving Circuit:



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

AST100Q & AST100TRQ

Frequency Response:

