

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Mallory Sonalert Products](#)
[AST1440MATRQ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

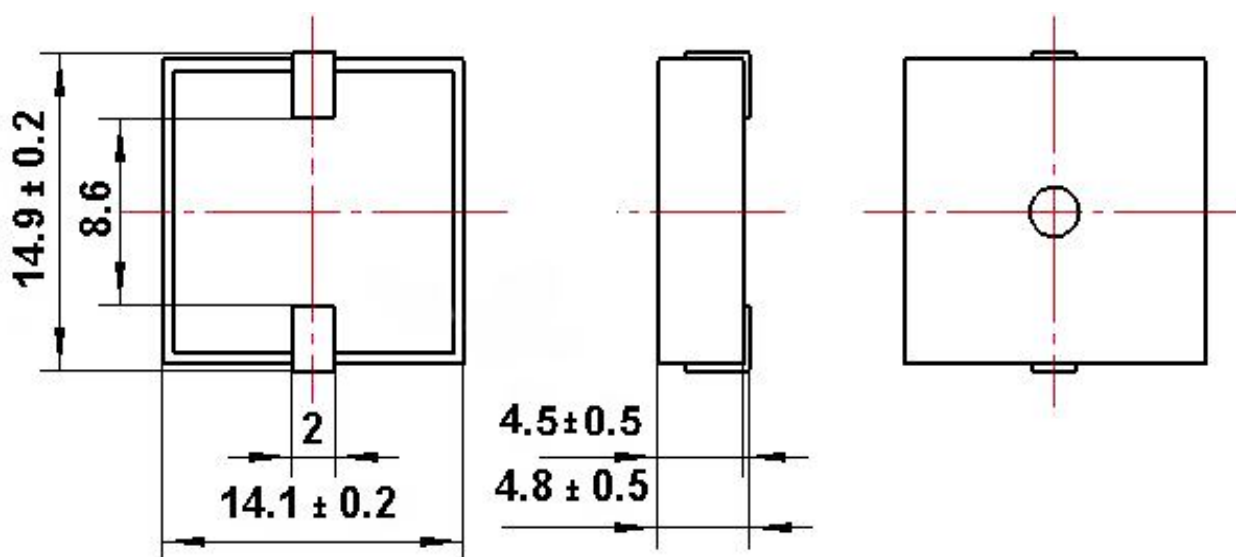
MALLORY Mallory Sonalert Products Inc.	Part # AST1440MATRQ
Sales Outline Drawing	Revision C

Specifications:

Oscillation Frequency (Hz)	4000 ± 500
Operating Voltage (Vp-p)	20
Rated Voltage (Vp-p)	5.0
Current Consumption Max. (mA)	2 at Rated Voltage
Sound Pressure Level (dB/min)	75 at 10cm at Rated Voltage
Capacitance (pF)	12,000 ± 30% at 120 Hz
Operating Temperature (°C)	-30 ~ +70
Storage Temperature (°C)	-40 ~ +80
Type of Connection Terminal	SMD
Housing	PPS plastic resin (Color : Black)
Weight (Grams)	1.2
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

Dimensions: (units: mm)

RoHS Compliant



Packaging:

Parts are supplied on reels (600 pcs per tape and reel).

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

MALLORY

MALLORY SONALERT PRODUCTS, INC.

AST1440MAQ & AST1440MATRQ

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:

