

Excellent Integrated System Limited

Stocking Distributor

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

[Mallory Sonalert Products](#)
[AST7525MATRQ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

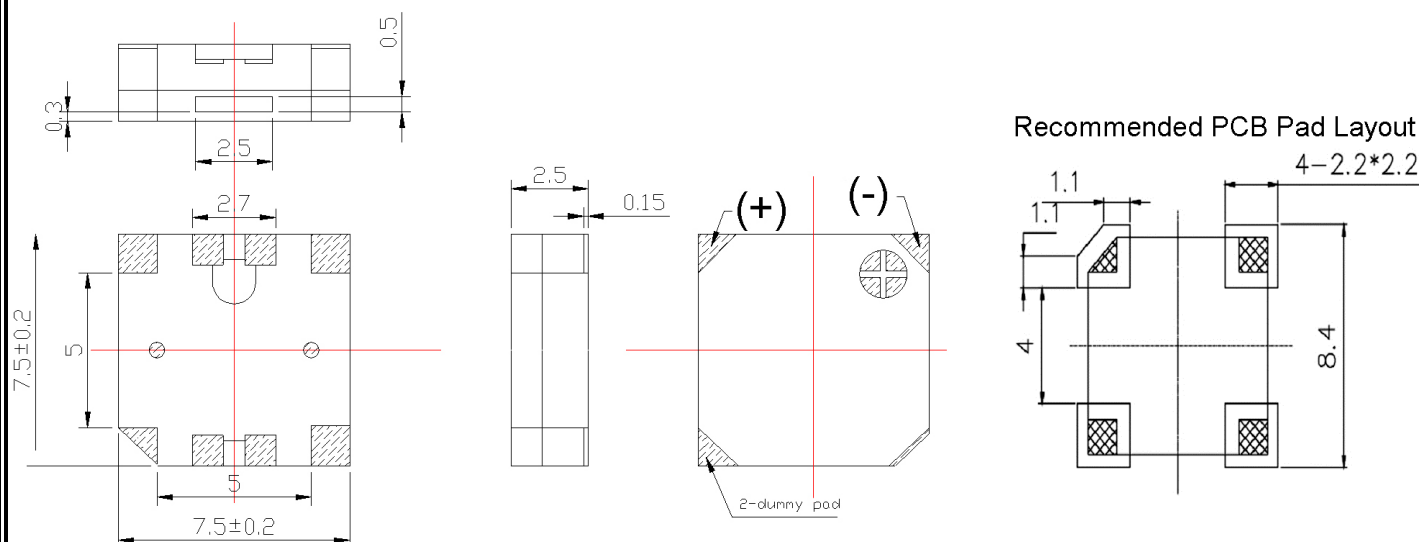
MALLORY Mallory Sonalert Products Inc.	Part # AST7525MATRQ
Sales Outline Drawing	Revision B

Specifications:

Oscillation Frequency (Hz)	2700
Operating Voltage (Vp-p)	2.5 ~ 4.5
Rated Voltage (Vp-p)	3.6
Current Consumption Max. (mA)	100 at Rated Voltage
Sound Pressure Level (dB/min)	85 at 10cm at Rated Voltage
Coil Resistance (Ω)	15 ± 3
Operating Temperature ($^{\circ}\text{C}$)	$-30 \sim +70$
Storage Temperature ($^{\circ}\text{C}$)	$-40 \sim +80$
Type of Connection Terminal	SMD
Housing	LCP plastic resin (Color : Black)
Weight (Grams)	2.0
Condition by reflow soldering ($^{\circ}\text{C}$)	$245 \pm 5 / 1 \text{ min}$
Condition by hand soldering ($^{\circ}\text{C}$)	$350 \pm 20 / \text{within } 5 \text{ sec}$
Options	For other options contact factory

Dimensions: (units: mm)

RoHS Compliant



Packaging:

Parts are supplied on reels (1000 pcs per tape-n-reel)
Units do not come with wash label and are not appropriate for aqueous wash.

MALLORY

MALLORY SONALERT PRODUCTS, INC.

AST7525MAQ & AST7525MATRQ

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:

