

## **Excellent Integrated System Limited**

Stocking Distributor

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

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

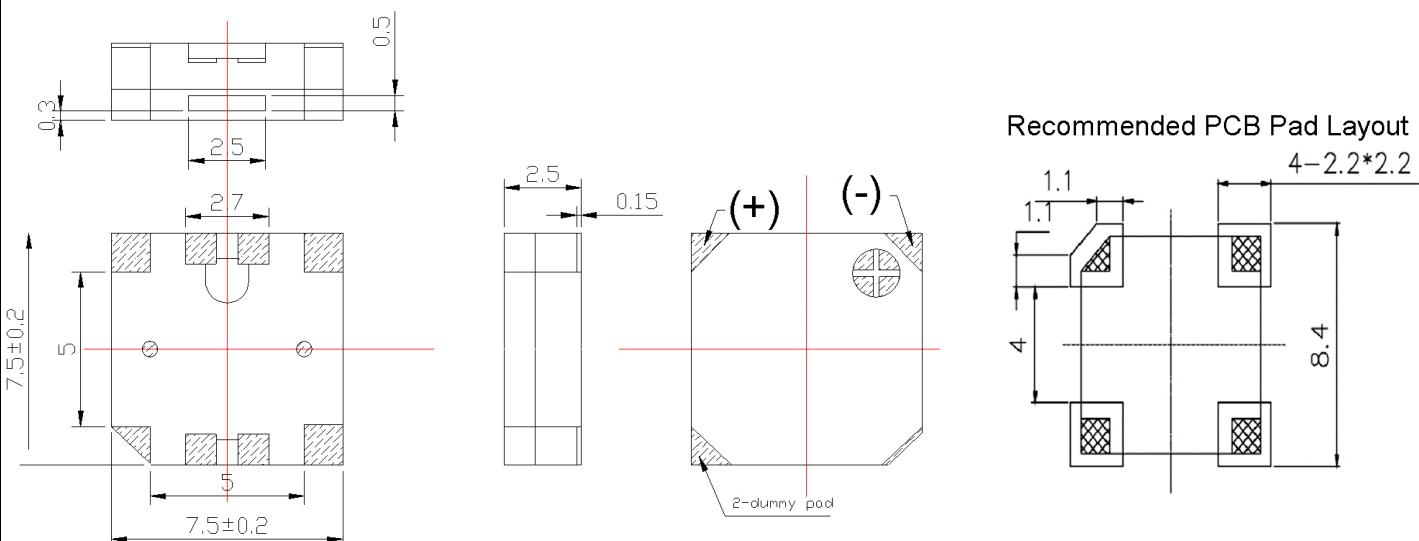
<b>MALLORY</b> <b>Mallory Sonalet Products Inc.</b>	Part # <b>AST7525MATRQ</b>
<b>Sales Outline Drawing</b>	Revision <b>B</b>

### 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 ( $\Omega$ )	$15 \pm 3$
Operating Temperature (°C)	-30 ~ +70
Storage Temperature (°C)	-40 ~ +80
Type of Connection Terminal	SMD
Housing	LCP plastic resin (Color : Black)
Weight (Grams)	2.0
Condition by reflow soldering (°C)	$245 \pm 5$ / 1 min
Condition by hand soldering (°C)	$350 \pm 20$ / within 5 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.

**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:**