MALLORY Mallory Sonalert Products Inc.	Part #	AST1750MATRQ
Sales Outline Drawing	Revision	C

## **Specifications:**

**Dimensions:** (units: mm)

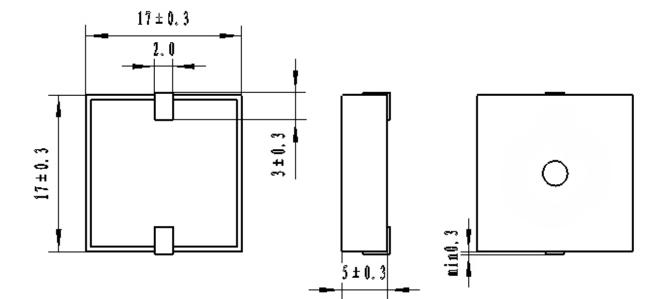
Oscillation Frequency (Hz)	
Operating Voltage (Vp-p)	
Rated Voltage (Vp-p)	
Current Consumption Max. (mA)	
Sound Pressure Level (dB/min)	
Capacitance (pF)	
Operating Temperature (°C)	
Storage Temperature (°C)	
Type of Connection Terminal	
Housing	I
Weight (Grams)	
Condition by reflow soldering (°C)	
Condition by hand soldering (°C)	
Options	F

 $4000 \pm 500$   $1 \sim 20$  5.0 2.5 at Rated Voltage 80 at 10cm at Rated Voltage  $15,000 \pm 30\% \text{ at } 120 \text{ Hz}$   $-30 \sim +70$   $-40 \sim +80$ SMD

PPS plastic resin (Color : Black) 2.0  $245 \pm 5 / 1 \text{ min}$   $350 \pm 20 / \text{ within 5 sec}$ 

For other options contact factory

ROHS Compliant



## **Packaging:**

Parts are supplied on reels (400 pcs per tape and reel). Units do not come with wash label and are not appropriate for aqueous wash.



# **AST1750MAQ & AST1750MATRQ**

### **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:**

