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

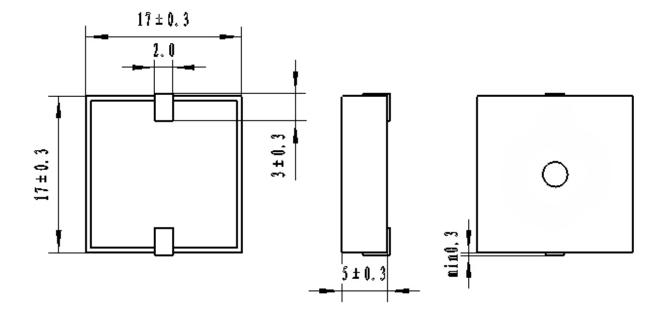
# **Specifications:**

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
Weight (Grams)
Condition by reflow soldering (°C)
Condition by hand soldering (°C)
Options

$4000 \pm 500$
1 ~ 20
5.0
2.5 at Rated Voltage
80 at 10cm at Rated Voltage
$15,000 \pm 30\%$ at 120 Hz
<b>-</b> 30 ∼ +70
$-40 \sim +80$
SMD
PPS plastic resin (Color : Black)
2.0
$245 \pm 5 / 1 \text{ min}$

 $350 \pm 20$  / within 5 sec For other options contact factory

Dimensions: (units: mm) ROHS Compliant



### Packaging:

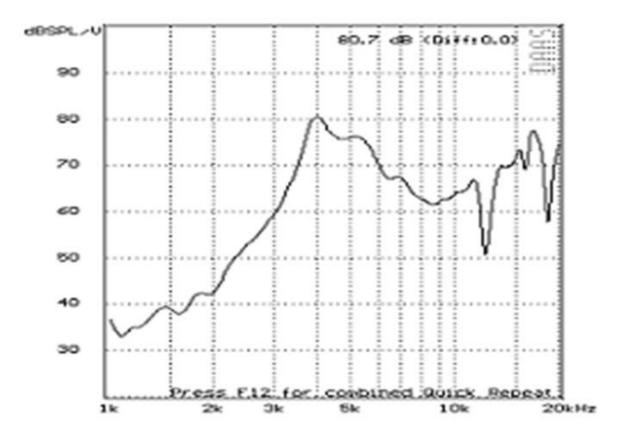
Parts are supplied on reels (400 pcs per tape and reel). Units do not come with wash label and are not appropriate for aqueous wash.

## **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:**



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AST1750MATRQ