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[Mallory Sonalert Products
AST1240MLTRQ](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

Mallory Sonalert Products Inc.	**Part #**	**AST1240MLTRQ**
Sales Outline Drawing	**Revision**	**A**

Specifications:

Resonant Frequency (Hz)	4000 ± 500
Operating Voltage (Vp-p)	25
Rated Voltage (Vp-p)	3
Current Consumption (mA/max)	5 at Rated Voltage
Sound Pressure Level Min. (dB)	75 at 10cm at Rated Voltage
Capacitance (pF)	16,000 ± 30% at 120 Hz
Operating Temperature (°C)	-20 ~ +70
Storage Temperature (°C)	-30 ~ +80
Housing	LCP Plastic Resin (Color: Black)
Type of Connection Terminals	SMD (Tin Plated Brass)
Condition by reflow soldering (°C)	245 ± 5°C / 1 min
Condition by hand soldering (°C)	350 ± 20°C / within 5 sec
Weight (Grams)	1
Options	For other options contact factory

RoHS Compliant

Dimensions: (units: mm)
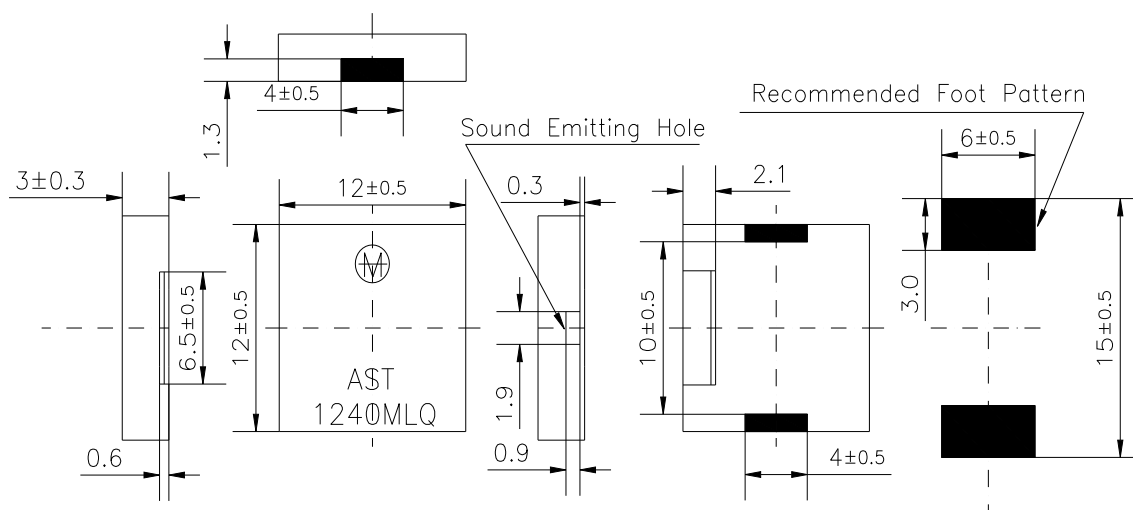
Packaging:

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

AST1240MLQ & AST1240MLTRQ

MALLORY SONALERT PRODUCTS, INC.

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: