

Excellent Integrated System Limited

Stocking Distributor

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[Mallory Sonalert Products](#)

[PT-1245P-PQ](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

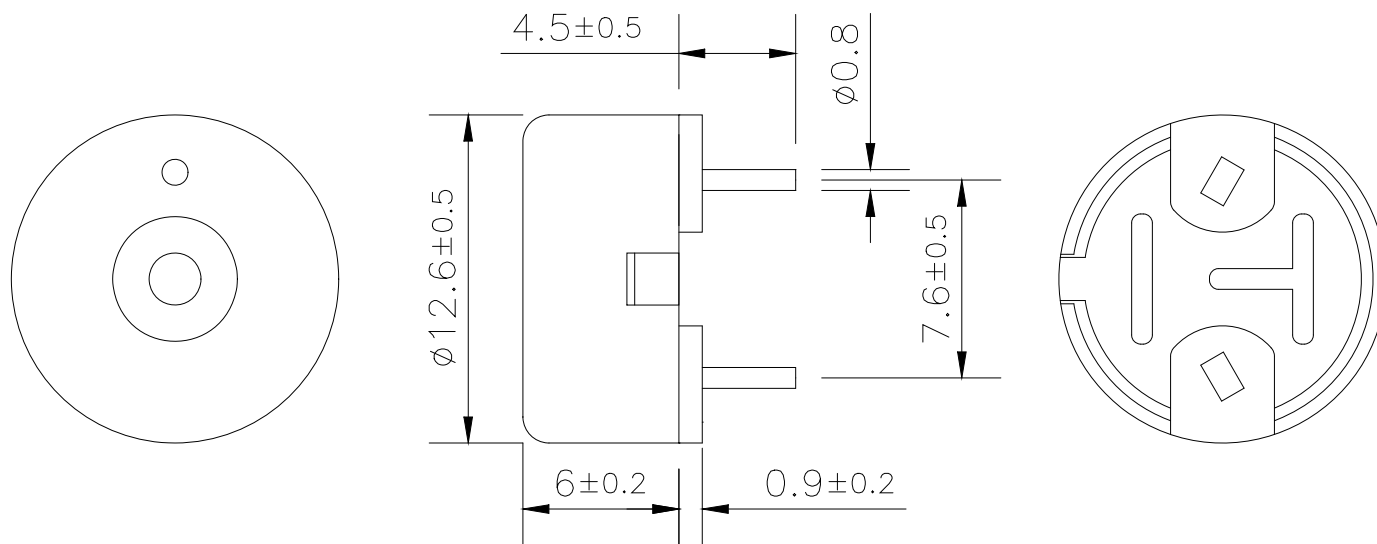
MALLORY Mallory Sonalert Products Inc.	Part # PT-1245P-PQ
Sales Outline Drawing	Revision B

Specifications:

Resonant Frequency (Hz)	4000 ± 500
Operating Voltage (Vp-p/max)	25
Rated Voltage (Vp-p)	5.0
Current Consumption (mA/max)	1.5 at Rated Voltage
Sound Pressure Level (dB/min)	80 at 10cm at Rated voltage
Capacitance (pF)	13,000 ±30% at 120Hz
Operating Temperature (°C)	-20 ~ +100
Storage Temperature (°C)	-30 ~ +110
Housing	PBT1200 UL94HB plastic resin (Color: Black)
Lead Pins	Tin Plated Brass
Weight (Grams)	0.67
Condition by wave soldering (°C)	245 ±5 / 3±0.5 sec
Condition by hand soldering (°C)	350 ±20 / within 5 sec
Options	For other options contact factory

Dimensions: (units: mm)

ROHS Compliant





MALLORY SONALERT PRODUCTS, INC.

PT-1245P-PQ

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:

