

## **Excellent Integrated System Limited**

Stocking Distributor

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[Mallory Sonalet Products](#)

[PT-1540PQ](#)

For any questions, you can email us directly:

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

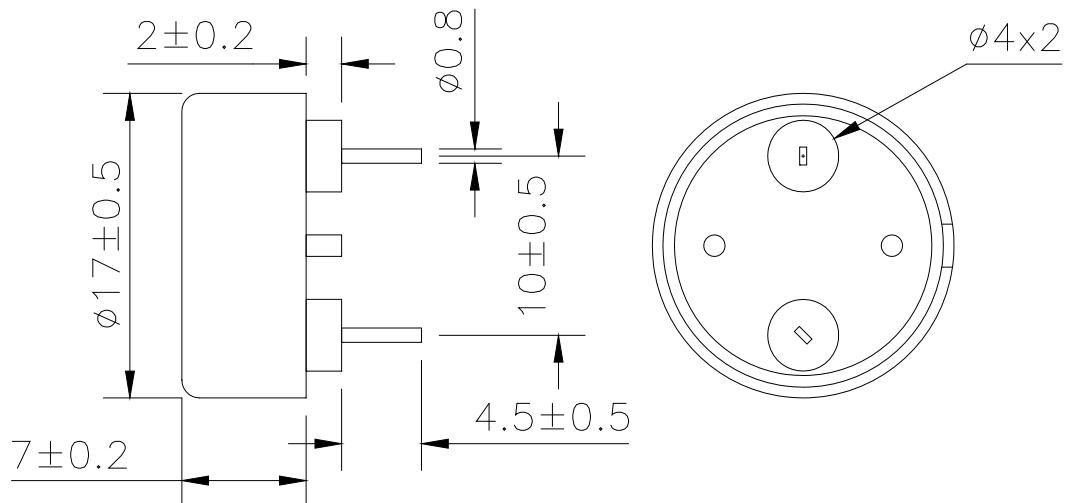
<b>MALLORY</b> <b>Mallory Sonalet Products Inc.</b>	Part # <b>PT-1540PQ</b>
<b>Sales Outline Drawing</b>	Revision <b>C</b>

### Specifications:

Resonant Frequency (Hz)	4000 $\pm$ 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)	85 at 10cm at Rated voltage
Capacitance (pF)	14,000 $\pm$ 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)	1.2
Condition by wave soldering (°C)	245 $\pm$ 5 / 3 $\pm$ 0.5 sec
Condition by hand soldering (°C)	350 $\pm$ 20 / within 5 sec
Options	For other options contact factory

### Dimensions: (units: mm)

**ROHS Compliant**





MALLORY SONALET PRODUCTS, INC.

## PT-1540PQ

### 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:

