

### Key Features

- Class H & Class F available
- Average temperature across the length of the sensor
- Custom designs available
- Meets ANSI C50.10-1990 specifications

### Applications

- Electric Motors
- Generators



### Product Description

These specially designed Resistance Temperature Detectors allow for continuous temperature monitoring in the stator slot. Available with a single thin film chip or with a wire wound element. The with the wire wound element example an average temperature across the element can be determined increasing accuracy.

### Sensor Specifications

Rear Exit, Epoxy Glass Laminated

Elements, Single and Dual:

Platinum, Copper, Nickel

Standard Body Thickness

1.98 mm

Standard Body Widths

8 mm

### Dielectric Strength

Class F 3,000 volts RMS @ 60 Hz for 1 minute, between leads and external body surface

Class H 2,000 volts RMS @ 60 Hz for 1 minute, between leads and external body surface

### Temperature Limits

Class F 155°C

Class H 180°C

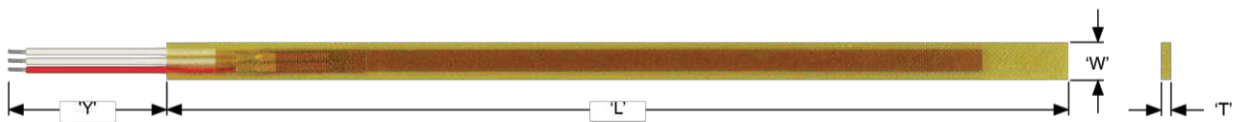
### RTD Leadwires

Two Wire, Three Wire or Four Wire

Standard: Stranded Copper plated wire with PTFE insulation

Other leadwire coverings available

### Standard Dimensions



'L' = 250 mm

'W' = 8 mm

'T' = 1.98 mm

'Y' = 5000 mm