

BOURNS®

The graph illustrates the temperature profile of a thermocouple during a simulated fire. The y-axis represents Temperature in degrees Celsius (°C), ranging from 0 to 250. The x-axis represents Time in Seconds, ranging from 0 to 250. The profile is divided into four distinct areas:

- Temperature Rising Area:** From 0 to 50 seconds, the temperature rises at a maximum rate of +4.0 °C/sec.
- Preheat Area:** From 50 to 140 seconds, the temperature increases from 150 °C to 200 °C, with a duration of 60-120 seconds.
- Reflow Area:** From 140 to 200 seconds, the temperature rises at a maximum rate of +3.0 °C/sec, reaching a peak of 245 °C. A duration of 60-150 seconds is indicated.
- Forced Cooling Area:** From 200 to 250 seconds, the temperature decreases at a maximum rate of -(1.0-5.0) °C/sec, reaching 217 °C at 220 seconds. A duration of 60 sec max is indicated.

Key data points and intervals are highlighted:

- Peak Temp: 245 °C at approximately 190 seconds.
- Temperature: 217 °C at 220 seconds.
- Time intervals: 60-120 sec, 60-150 sec, and 60 sec max.

Packaging Specifications



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