

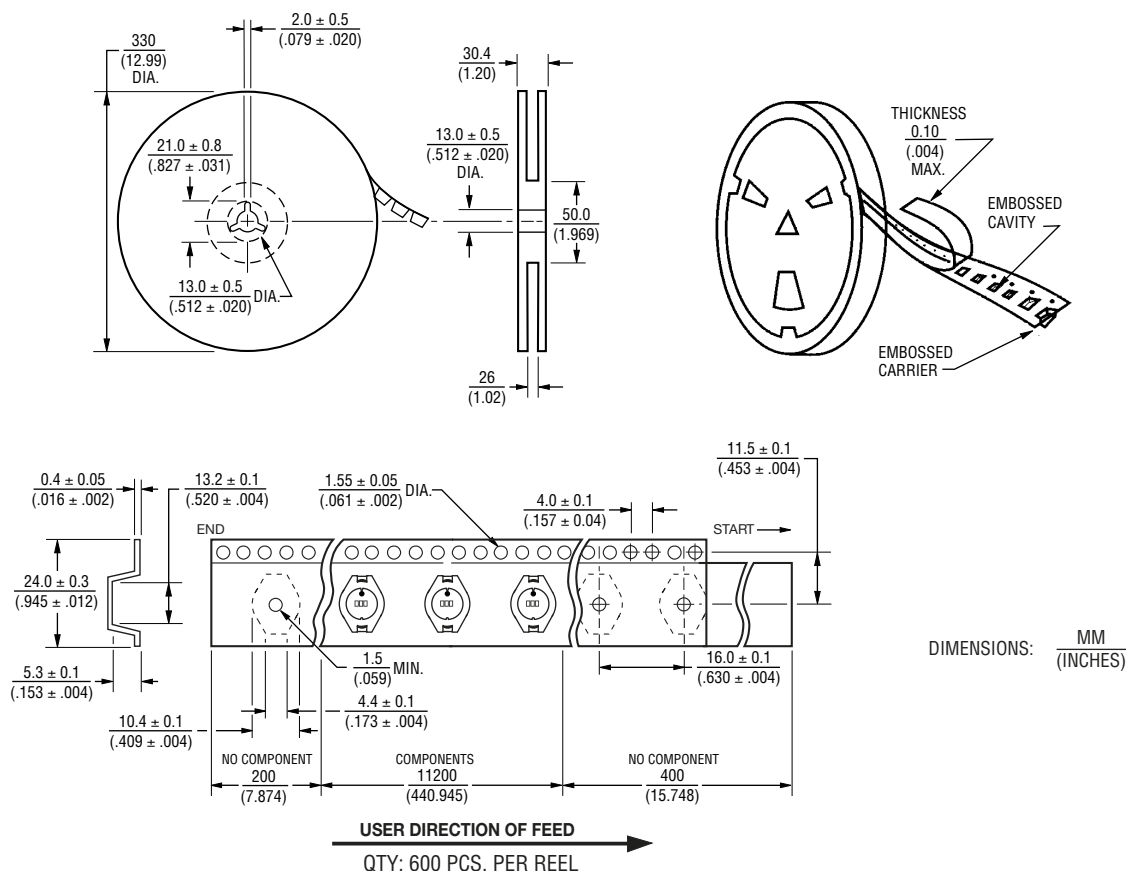
BOURNS®

The graph illustrates the temperature profile of a polymer melt during the extrusion of a fiber. 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 regions:

- 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 150 seconds, the temperature increases from 150 to 200 °C, with a time interval of 60-120 seconds.
- Reflow Area:** From 150 to 200 seconds, the temperature rises at a maximum rate of +3.0 °C/sec, with a time interval of 60 seconds max.
- Forced Cooling Area:** From 200 to 250 seconds, the temperature decreases at a maximum rate of -(1.0-5.0) °C/sec, with a time interval of 60-150 seconds.

Key data points include a peak temperature of 245 °C at 200 seconds and a temperature of 217 °C at 250 seconds.

Packaging Specifications



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