



## Notes:

Time 25 °C to peak temperature

1. Components <u>must</u> use Sn-Pb low temperature process to prevent damage to device.

**2.** All temperatures refer to the center of the package, measured on the package body surface that is facing up during reflow process.

**3.** Reflow profiles listed in this document are for classification/preconditioning and are not meant to specify board assembly profiles. Actual board assembly profiles should be developed based on specific process needs and board designs and should not exceed parameters in above table.

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6 minutes max



## Classification Temperature – SnPb Eutectic Process

Package Thickness	Volume mm <sup>3</sup> < 350	Volume mm³ ≥ 350
< 2.5mm	225 °C	220 °C
≥ 2.5mm	220 °C	220 °C

## Notes:

**1.** Package "volume" excludes external terminals (e.g., balls, bumps, lands, leads) and/or non-integral heat sinks. Package volume includes the external dimension of the package body, regardless if it has a cavity or is a passive package style.

**2.** The maximum component temperature reached during reflow depends on package thickness and volume. The use of convection reflow processes reduces the thermal gradients between packages. However, thermal gradients due to differences in the thermal mass of SMD packages may still exist.

## **Revision History**

Date	<b>Revision Number</b>	Notes
December 10, 2020	1	Initial Release
December 14, 2020	1.1	Added additional note.