

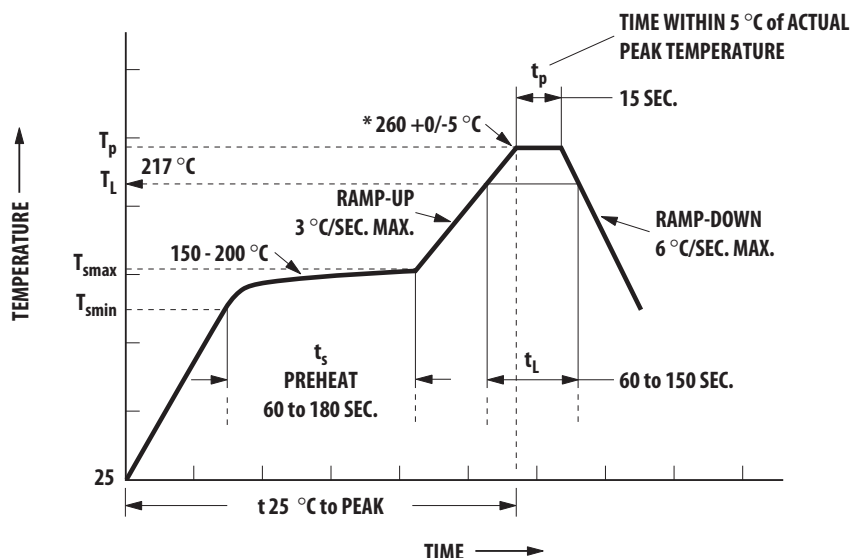
Recommended Soldering Profile for Lead-Free Plastic Optocouplers and Solid State Relays



Application Note 5476

Introduction

The Lead-Free reflow profile show below has been investigated by Avago Technologies and is recommended for surface mount Plastic Optocouplers and Solid State Relays in SO-4, SO-5, SSO-6, SSO-8, SO-16, and gull wing option for 300 mil DIP-8 and 400 mil DIP-8 (widebody).



NOTES:

THE TIME FROM 25 °C to PEAK TEMPERATURE = 8 MINUTES MAX.

T_{smax} = 200 °C, T_{smin} = 150 °C

NOTE: NON-HALIDE FLUX SHOULD BE USED.

* RECOMMENDED PEAK TEMPERATURE FOR WIDEBODY 400mils PACKAGE IS 245 °C

Figure 1. Pb-Free Solder Profile

For product information and a complete list of distributors, please go to our web site: www.avagotech.com

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