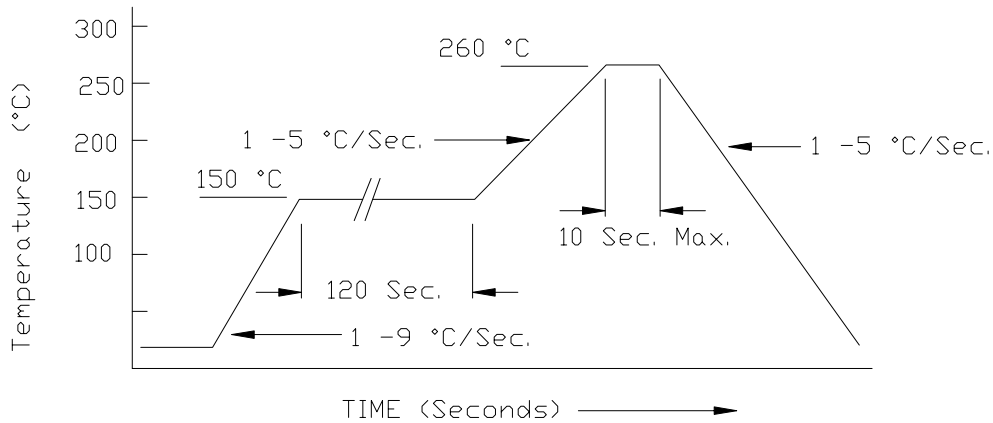




Environmental Specifications

I. Typical SMD Pb free solder re-flow profile.
(all Pb Free parts are backwards compatible with 240C reflow processes)



II. Typical Environmental Specification for crystal

- A. Seal Integrity Bubble test in Perfluorocarbon at +125⁰C ± 5⁰C for 60 seconds minimum (for hermetically sealed devices).
- B. Solderability Sn63 solder at +230⁰C ± 5⁰C for 5 seconds.
- C. Marking Permanency 10 strokes with brush after 1 minute soak in solvent, 3 times.
- D. Shock Random drop on hard wooden plate 3 times from height of 75 cm.
(Call ILSI for specific devices)
- E. Thermal shock 10 Cycles from -55⁰C to +125⁰C
- F. Vibration Frequency with an amplitude of 1.5mm sweeping between 10Hz to 55Hz. Within 1 minute (approximately) for 2 hours minimum on each axis (X,Y,Z) for a total of 6 hours.