

Using a Soldering Iron

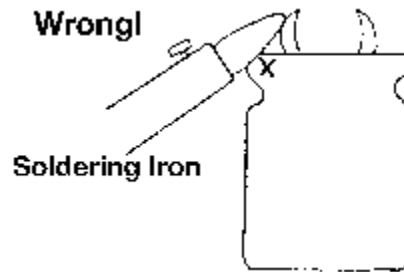
Installation of Non-Solid and Solid Aluminum Electrolytic Capacitors

Explanatory Notes

1. Exceeding soldering conditions of time and temperature specified for capacitors in the product literature may affect the electrical characteristics and cause mechanical damage such as deterioration of the sealing material due to increased heat and internal pressure.

If a soldering iron is used for mounting non-solid aluminum electrolytic capacitors, the soldering conditions, in general, should be limited to 10 seconds at 260°C or 3 seconds at 350°C.

2. If a soldering iron comes in contact with the capacitor body, the capacitor may be damaged by melting or cracking the sleeve and/or case which will result in defective insulation or improper protection of the capacitor element.



3. When using a soldering iron to remove a capacitor that has been soldered to the printed circuit board, gently pull the capacitor from the printed circuit board when the solder is sufficiently melted. This will prevent mechanical stress on the wire leads or terminals as well as the capacitor seal.

Precaution

1. Soldering conditions (time and temperature) should be within the limits specified in the product literature.
2. Do not touch the body of a capacitor with the soldering iron.
3. When removing a soldered capacitor from a PC board with a soldering iron, pull the capacitor from the board when the solder is sufficiently melted. This will prevent mechanical stress on the capacitor seal or terminals.