

SMD LED STORAGE AND HANDLING PRECAUTIONS

(1) Moisture-Resistant Packaging

- Because the electrical and optical properties of SMD LEDs may be negatively affected due to device moisture absorption, these devices are specially packaged in moisture resistant packaging. During solder reflow, any water absorbed in the package will go through substantial thermal expansion, thus potentially causing the resin to crack.
- SMD LEDs are packaged in aluminum vacuum sealed bags with desiccant.
Note that the vacuum sealed bags should be opened right before using LEDs.

(2) Storage Conditions

- Before opening bag of LEDs : 12 months stored at <30C, <60%RH conditions. It is further recommended to store the unopened bag of LEDs in an air-tight container, and to add desiccant to best protect the product from moisture absorption.
- After opening bag of LEDs : Please solder devices within 168 hours stored at <30C, <60%RH conditions. For any unused remaining LEDs, it is recommended to keep these devices in the same moisture barrier bag with desiccant, and store this resealed bag in an air-tight container with desiccant.

NOTE:

- After above shelf or floor life, SMD LEDs should be baked in order to remove absorbed moisture. Baking conditions are 100+/-5C, >24hrs.
- Please remove the LEDs from tape and reel prior to baking the devices.
- In the case enclosed desiccant in aluminum bags become discolored(silica gel is not longer blue), devices should be baked regardless of whether the parts are within shelf or floor life.