

Recommendation of Use Switches

Ref. / RU-SWITCHES-007



1. Bulk packaging

For products packaged in bulk, it can occur to have a small bending on the leads. The customer can easily rework manually this small deformation during the integration without any risk on the product characteristics.

2. Precaution for Handling and Storage

Products are packaged in sealed bag with desiccant, bag sealing is ensured. This guarantees the storage of the switch during at least 1 year without any bag opening.

After opening of the sealing bag, if customer doesn't use all the switches from a reel, we recommend putting the incomplete reel in a sealing bag:

- without air
- or with a desiccant
- and if the sealing bag used is translucent, put it in a opaque box to limit the light on switches.

Shelf storage: products must be stored in sealed conditions with desiccant, without moisture and without light exposure.

3. Impact of ageing on terminals

Pure tin and gold plating: no impact

On silver plating switches, sulphidation / tarnishing can occur. Then a discoloration of silver in yellow/blue/brown can appear. This is a combination of silver sulphide and silver oxide.

This is only a cosmetic aspect with no impact on switch functions.

This phenomenon is linked to 4 factors:

- Light
- Atmosphere
- Humidity
- Temperature

As heat accelerates silver tarnishing, it is sometimes easily visible after the first reflow cycle, depending of reflow process.

After reflow process, tarnish phenomenon will continue on surfaces out of solder, depending on environment. If needed, to limit it we recommend to put PCBs in sealing bag and to add desiccant.

4. Cosmetics

Except product designed to be in direct interface with user, most of C&K products are not concerned with cosmetic requirements. Our products are electromechanical components, integrated on PCB and not supposed to be visible by final user.