

Storage conditions for inductive components

Inductive components can be stored under normal industrial conditions. Typically functionality and magnetic properties show only a negligible aging effect. However, some processing properties may be influenced by storage conditions and storage duration.

In general, attention should be focused on the solderability and particularly the short-term temperature resistance of SMD components during the reflow process. Storage needs to be avoided at locations where the solderability might be negatively influenced by harmful atmospheric conditions.

Investigations have shown that component processing is possible within a minimum period of 2 years under the following conditions:

SMD - components

Temperature: - 5 °C ... + 40 °C
Humidity (rel) : 10 % - 60 %

All other components

Temperature: -5 °C ... + 40 °C
Humidity (rel) : 10 % - 75 %

For some products, higher values for temperature and humidity are possible. These values are indicated in the data sheet of the relevant product.

Furthermore the packaging material is to protect against humidity and condensation before and during storage.

Special package is used for components with enhanced sensitivity against humidity. Please contact us if you have any questions.