

Handling, Storage and Shelf Life

Ceramic Capacitors

Handling

Improper handling of ceramic capacitors can cause damage, ceramic is a dense and brittle material so care needs to be taken when handling. Coated tweezers are recommended since metal tweezers can attribute to damage if used improperly.

Storage

The storing of capacitors in open air can cause metallized surface's to oxidize over time leading to Solderability degradation. Due to this Knowles Capacitors recommends that product be stored in it's original packaging, for longer periods it is recommended that they be stored in a dry nitrogen storage atmosphere. Taped product should be stored out of direct sunlight which could lead to deterioration in tape adhesion.

- Temperature (10°C to 35°C)
- Relative Humidity (40% to 60%)

Shelf Life

Ceramic capacitor shelf life depends upon storage conditions, therefore the recommendation is that ceramic capacitors should be used within one year of receipt