

Capacitors Handling and Storage Precautions

Most capacitor styles are rugged in construction and do not require any special processing or handling during the manufacturing operation beyond normal handling precautions. Normal handling precautions include protection against harmful contaminants that could affect the normal operation of the part. This is especially true for variable and non-hermetically sealed capacitors. The most common source of contamination is from cleaners and soldering fluxes used during the manufacturing operation and humidity during storage conditions. Some cleaners (especially halids) have been known to damage safety vent releases of aluminum electrolytic capacitors. No capacitor style is considered highly ESD sensitive. Detailed handling precautions and recommendations for each capacitor style is discussed under the "Application Consideration" paragraphs for each capacitor style (see the Capacitor Derating section).