



Application Note AN121

## Storage of Hamlin Parts

The data sheets for Hamlin parts show temperature ranges for storage. However, long term exposure to extreme temperatures in the specified storage temperature range may degrade solderability of terminals. Low temperatures may lead to condensation and corrosion. High temperatures or humidity may lead to oxidation.

To minimize solderability and aging issues, the following recommendations for storage should be maintained:

1. Avoid storage in areas where the air may contain sulfur or chlorine or other corrosive vapors.
2. Maintain temperature in the range of +5C to +35C (41F to 95F).
3. Maintain relative humidity less than 60%.

When stored in these conditions, solderability and other performance should be maintained for more than a year. Other storage conditions may also be adequate but are dependent on specific requirements. Storage for several years is possible. If solderability is degraded, extra attention will be required when soldering parts during assembly.