KEMET Electronics Corporation

Frequently Asked Questions:
RoHS-Compliant/Pb-Free Leaded Products

1. What series of leaded tantalum capacitors are available in a RoHS-Compliant option?

Kemet now offers the following series in RoHS compliant versions: T322: Axial Molded, T340: Radial Molded, T110/T140 – Commercial Herm seal.

Previously released RoHS compliant leaded tantalum capacitors include the following series: T350, T351, T352, T353, T354, T354, T356, T368, T396, and T398.

2. Are products ordered with the RoHS-Compliant option Pb-Free?

Yes.

3. Is the RoHS-Compliant component backward and forward compatible?

Yes. The RoHS-Compliant components are suitable for both Pb-Free and SnPb reflow processes.

4. How do I order a RoHS-Compliant Leaded Ta Capacitor?

A RoHS-Compliant capacitor can be ordered by placing a "T" suffix in the fourteenth character of the part numbering scheme. (Example: T350A105K035AT)

5. Why did KEMET not make RoHS-Compliant products a standard offering?

KEMET realizes that not all customers desire a RoHS Compliant part at this time. Therefore, we will continue to offer both options.

6. What solder reflow profile is recommended for the RoHS-Compliant parts?

RoHS-Compliant parts are suitable for both Pb-Free and SnPb wave solder systems with allowable peak temperatures of 260 deg C. Refer to page 83 of Catalog F3100 for details.

7. How will I identify RoHS-Compliant product?

Product will be identified based on KEMET's EZID Program which will label the RoHS-Compliant product as "RoHS-YES". Standard product build with SnPb terminations will be labeled as "RoHS-NO".

8. Is there a build time extension with RoHS-Compliant products?

No.

9. How can we get a material composition declaration?

A MCD is available through KEMET. Contact your local Sales Rep for a copy of this document.