KEMET Through-Hole Tantalum

Revision D, 03 Jan 2013

Note: Information subject to change without notice. Monitor website regularly for updates. KEMET is not liable for any damages, direct or indirect, consequential or otherwise, that the reader might incur as a result of ignoring this warning, or that any third party might suffer as a result of the reader's ignoring this warning.

Characteristics and Typical Construction

- Variety of features and construction by series (drawing provided typical for encapsulated styles)
- Termination code 'T' products support manufacture of RoHS-compliant EEE
- ± 5, 10, and 20% Capacitance tolerances available
- Tape & Reel Packaging available
- SnPb termination is standard for all series

RoHS Restricted Substance Content

Key for Determining Adherence to China RoHS and EU 2011/65/EU Content Criteria

<table>
<thead>
<tr>
<th>Restricted Material</th>
<th>Compliant Version</th>
</tr>
</thead>
<tbody>
<tr>
<td>Available since</td>
<td>Standard since</td>
</tr>
<tr>
<td>KEMET Product Series</td>
<td></td>
</tr>
<tr>
<td>Hermetic Sealed</td>
<td>T</td>
</tr>
<tr>
<td>T110, T140</td>
<td>Sep-05</td>
</tr>
<tr>
<td>Molded Axial</td>
<td>T22</td>
</tr>
<tr>
<td>Molded Radial</td>
<td>T34x, T36x, T39x</td>
</tr>
<tr>
<td>Dipped Radial - Commercial</td>
<td>T35x, T36x, T39x</td>
</tr>
<tr>
<td>Hermetic Sealed</td>
<td>T322, T323</td>
</tr>
<tr>
<td>Molded Axial</td>
<td>T330, T34x, T37x</td>
</tr>
<tr>
<td>Molded Radial</td>
<td>T35x, T36x, T39x</td>
</tr>
<tr>
<td>Dipped Radial - Commercial</td>
<td>T363, T369</td>
</tr>
<tr>
<td>Wet Tantalum</td>
<td>T19x, T29x</td>
</tr>
</tbody>
</table>

RoHS - PRC = Meets criteria without exemption
RoHS - EU = Meets criteria with exemption
RoHS - NO = Does not meet criteria

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RoHS - EU = Meets criteria with exemption
RoHS - NO = Does not meet criteria

T = 100% Matte Sn (Sn)
S = Tin/Lead (SnPb, 5% min. Pb)

RoHS - PR = Meets criteria without exemption
RoHS - EU = Meets criteria with exemption
RoHS - NO = Does not meet criteria

Soldering Capability Characteristics

- 100% Matte Tin Termination
  - Copper Clad Steel or Nickel
  - 100% Matte Tin
  - 260°C
  - Backward & Forward Compatible
  - Not Classified
  - Not Classified
  - Available August 2007

- SnPb Termination
  - Copper Clad Steel or Nickel
  - 60Sn40Pb
  - 260°C
  - Backward & Forward Compatible
  - Not Classified
  - Not Classified
  - Available August 2007

Ordering

TANTALUM SERIES
T 350 A 105

CASE SIZE
A, B, C, D, E, F, G, H, J, K, L, & M

CAPACITANCE CODE

Identification

Reel level KEMET EZ ID label indicates product content relative to substance restrictions of the EU RoHS Directive, 2011/65/EU and China RoHS.
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Failure Rate Level
A = Not Applicable

RATED VOLTAGE
M = ±20%, K = ±10%, J = ±5%

Notes: Refer to the online KEMET product catalog for part numbering of MIL-PRF- and KEMET Military equivalents.