

Reference: QOD-510

Product/Process Change Notification

Tantalum Polymer Electrolytic Capacitors, Facedown terminal, Suzhou Manufacturing Capacity Expansion

Date: February 29 2024	ID Number (MMDDYY): PCN-022924-UMQ
Affected Products	<p>Tantalum Polymer Solid Capacitors - Surface Mount Commercial Series: T523 Case size 7360 (KEMET code H and J)</p> <p>List of PN's in the Annex 1</p>
Change	<p>KEMET will add capacity in our plant located in Suzhou (China) to support the transfer of volume from Greenville (USA) and Victoria (Mexico) locations.</p> <p>Suzhou (China) manufacturing plant has an established core competency of manufacturing T523 facedown products.</p> <p>There will be no impact to form, fit, or function. Our customers will receive the same or better level of quality and reliability than current location.</p>
Justification and Benefits	<p>KEMET customers will be better served having the T523 series, 7360 footprint products manufactured in this high-volume facility.</p> <p>Benefits of this change are as followed:</p> <ul style="list-style-type: none"> • Support regional product demand and customer requests • Stabilize supply chain • Optimize output • Reduce lead time
Effective Date and Identification	<p>To support the validation process, samples and qualification reports from the additional site will be available in August 2024 upon request.</p> <p>KEMET will allocate orders to the Suzhou plant to have shipments as early as October 2024.</p> <p>Manufacturing locations can be distinguished by the Country of Origin (COO) marked on the reel labels and the shipment box label.</p>

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Annex 1 – List of Impacted Part Numbers

Rated Voltage (V)	Rated Capacitance (μF)	Case Code/Size (mm)	KEMET Part Number
6.3	680	J / 7360-15	T523J687M006APE070
10	330	J / 7360-15	T523J337M010APE070
10	470	J / 7360-15	T523J477M010APE070
10	1000	H / 7360-20	T523H108M010APE070
10	1000	H / 7360-20	T523H108M010APE0707105
16	220	J / 7360-15	T523J227M016APE070
16	220	H / 7360-20	T523H227M016APE070
16	220	H / 7360-20	T523H227M016APE0707621
16	330	H / 7360-20	T523H337M016APE070
16	330	H / 7360-20	T523H337M016APE0707111
16	470	H / 7360-20	T523H477M016APE070
16	470	H / 7360-20	T523H477M016APE0707621
16	470	H / 7360-20	T523H477M016APE0707105
25	150	H / 7360-20	T523H157M025APE070
25	220	H / 7360-20	T523H227M025APE070
25	220	H / 7360-20	T523H227M025APE0707621
35	100	H / 7360-20	T523H107M035APE070
35	100	H / 7360-20	T523H107M035APE0707723
35	100	H / 7360-20	T523H107M035AP4382
35	100	H / 7360-20	T523H107M035AP43827111