

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	Tantalum Polymer Solid Capacitors - Surface Mount Commercial Series: T523 Case size 7360 (KEMET code H and J) List of PN's in the Annex 1
Change	KEMET will add capacity in our plant located in Suzhou (China) to support the transfer of volume from Greenville (USA) and Victoria (Mexico) locations. Suzhou (China) manufacturing plant has an established core competency of manufacturing T523 facedown products. 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.
Justification and Benefits	KEMET customers will be better served having the T523 series, 7360 footprint products manufactured in this high-volume facility. Benefits of this change are as followed: <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	To support the validation process, samples and qualification reports from the additional site will be available in August 2024 upon request. KEMET will allocate orders to the Suzhou plant to have shipments as early as October 2024. Manufacturing locations can be distinguished by the Country of Origin (COO) marked on the reel labels and the shipment box label.

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For General Information Contact	Ursula Quezada Technical Product Marketing – Tantalum Business Unit ph:+1 864 963 6463 E-mail: ursula.quezada@yageo.com
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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