

Process/Product Change Notification Ta Polymer SMD Black Epoxy Conversion Final Stage – ICT Impacted Series

Date: 24102014	ID Number (DDMMYY): PCN24102014-CMC
Affected Products	This PCN impacts all KEMET Ta Surface Mount (SMD) Polymer Series, included in table I, produced in ICT, USA, that were not covered in previous customer notifications: <ul style="list-style-type: none"> • PCN05082013-CMC – Ta Polymer SMD Black Epoxy Conversion • PCN14082014-CMC – T5xxH Ta SMD Series – Black Encapsulation Material Conversion
	T520E Polymer Tantalum
	T521 High Voltage Polymer Tantalum
	T545 High Energy Polymer Tantalum
	T525 High Temperature Polymer Tantalum (125°C)
	T530 High Capacitance Polymer Tantalum
	Table I. Affected Polymer SMD Series with Black Encapsulation Epoxy Conversion
Change	KEMET has evaluated and qualified the new black encapsulation material and will start the conversion from yellow to black for the remaining part numbers not covered in previous customer change notifications. The qualified black encapsulation material has been in use on KEMET Polymer product shipped from the Suzhou China location since 2013.
Justification and Benefits	This conversion will allow KEMET to standardize encapsulation material internally and with the capacitor industry.
Effective Date and Identification	The black encapsulation material has been qualified. Product with yellow encapsulation will continue to be shipped until customer approval is received for this PCN or up to February 2015. Effective PWC 506 all product will be produced using black encapsulation epoxy. Yellow or black encapsulated product may be shipped until all yellow encapsulated inventory is depleted. Once yellow inventory is depleted, all impacted products included in Table I will be shipped with black encapsulation material.
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