

# RoHS Compliant



August 2016

## Environmental Certificate (Tantalum MnO2 Surface Mount)

KEMET Electronics Corporation ("KEMET") hereby certifies that the product(s) listed below (the Products") are compliant with the restricted substance requirements of Directive 2002/95/EC and 2011/65/EU of the European Parliament and of the Council of the European Union, including Commission Delegated Directive (EU) 2015/863 amending Annex II of the Directive. This certificate is applicable only to the Products which have been manufactured on or after the dates listed below, ordered with appropriate termination code in the KEMET part number as noted in the table below and have been sold by KEMET or by an authorized KEMET distributor to the Customer. For more information on KEMET's eco compliance initiatives, refer to our Green Product Roadmap at <http://www.kemet.com/Green-Product-Roadmap>.

Product(s): **Key for Determining Adherence to 2002/95/EC as amended by 2011/65/EU and 2015/863/EU Content Criteria**

☑ = Meets criteria at the homogeneous level with no exemption    ☒ = Does not meet criteria at the homogeneous level

KEMET Product	Series	Material and MCV <sup>1</sup> Termination Code <sup>2</sup>	Restricted Material									
			Cd <0.01%	Cr <sup>6+</sup> < 0.1%	Pb < 0.1%	Hg < 0.1%	PBB < 0.1%	PBDE < 0.1%	DEHP < 0.1%	BBP < 0.1%	DBP < 0.1%	DIBP < 0.1%
Low DC Leakage	T489	T or G	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Commercial Grade	T490	T or G	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Industrial Grade	T491	T, G or N	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Commercial Off the Shelf (COTS)	T493	T or B	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Low ESR, Industrial Grade	T494	T, G or N	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Low ESR, Surge Robust	T495	T or G	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Fail Safe Fused	T496	T	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
High Grade Cots	T497	T or B	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
High Temp	T498 T499	T or G	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
Multi Anode, Low ESR Multi Anode, Low ESR COTS	T510 T513	T, G or B	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑
High Volumetric Efficiency	T428	T	☑	☑	☑	☑	☑	☑	☑	☑	☑	☑

<sup>1</sup> MCV = Maximum Concentration Values per 2011/65/EU and 2015/863/EU amending RoHS Directive 2002/95/EC.

<sup>2</sup> Termination code is found in the 14<sup>th</sup> position of the KEMET part number.

Certified by:

**Chuck Meeks, Executive VP – Solid Capacitor Business Group**

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