

Reference: QOD-510

## End-Of-Life-Notification T428 Facedown COTS MnO<sub>2</sub> Series PCN-261018-UMQ

<b>Date</b>	<b>October 26, 2018</b>	<b>ID Number (MMDDYY): 261018</b>
<b>Affected Products</b>	<b>Product Series:</b> KEMET T428 Series, P case size <b>Capacitance Values:</b> All <b>Capacitance Tolerances:</b> All <b>Voltage Ratings:</b> All <b>Termination Finish:</b> H - Standard solder coated (SnPb 5% Pb) <b>Surge Testing:</b> All <b>ESR Level:</b> All	
<b>Change</b>	All T428 Facedown COTS capacitors will be transitioned to an "End-of-Life" status as the supplier of the lead-frame material has announced EOL for the Sn/Pb finish Unfortunately, KEMET was unable to obtain adequate material to support the Sn/Pb termination finish.	
<b>Alternative Product</b>	Presently the termination finish designator (14th character of the KEMET Part Number) is H = Standard solder coated (Sn/Pb). The material we can offer is Ni/Pd/Au (Nickel, Palladium, Gold), which provides an excellent solderable surface which resists oxidation and is RoHS Compliant. The termination finish designator is P (Ni-Pd-Au plated). In the below <b>Annex 1</b> you could find the new Part number configuration.	
<b>Effective Date and Identification</b>	Due to the critical nature of the supply of this termination finish, KEMET is unable to take additional orders of this product with the H Termination Finish.	
<b>For General Information Contact</b>	Ursula Quezada PCN Coordinator- Tantalum Business Unit <a href="mailto:ursulaquezada@kemet.com">ursulaquezada@kemet.com</a>	

### Annex 1

Affected Part Numbers	Alternative replacement part numbers
T428P397K006AH6110	T428P397K006AP6110
T428P397K006AH6110T050	T428P397K006AP6110T050
T428P187K016AH6110	T428P187K016AP6110
T428P187K016AH6110T050	T428P187K016AP6110T050
T428P227M016AH6110	T428P227M016AP6110
T428P227M016AH6110T050	T428P227M016AP6110T050
T428P686K025BH6320	T428P686K025BP6320
T428P156M050AH6110	T428P156M050AP6110
T428P156M050AH6110T050	T428P156M050AP6110T050

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