

Process/Product Change Notification

Lead Material Termination Ni/Pd/Au - "T" Case T520 Rated Series Polymer Tantalum

Date: 22082014	ID Number (DDMMYY): PCN22082014-CMC									
Affected Products	This PCN affects the part type 100uF6,3V with case size EIA3528-12 from the T520 Series Polymer Tantalum (denomination "T" Case Size):									
	Rated Voltage (V) @ 105	Rated Capacitance (µF)	Case Code/Case Size	KEMET Part Number	DC Leakage µA @ 20°C max/5ml	DF% @ 20°C 120 Hz Max	ESR mΩ @ 20°C 100 kHz Max	Maximum Allowable Ripple Current (mA) 45°C 100 kHz	MSL Reflow Temp ≤260°C	Max Operating Temp (°C)
	6,3	100	T/3528-12	T520T107M006A(1)E070	63	8	70	1200	3	105
Change	KEMET has extended the Qualification of the lead material (termination P – Ni/Pd/Au) used on T528 Series Facedown Terminal Polymer Tantalum since 2012, to the specific part type 100uF/6,3V T520 Series Polymer Tantalum, case size 3528-12.									
	The change has no impact in the soldering process and can be visually identify in the color, Picture 1 and 2 Before, Ni under plating → 100% Tin Platte :									
	Picture 1. 100% Tin Termination									
	After, Ni under plating → Pd/Au Termination:									
	Picture 2. Pd/Au Termination									
	The lead material change requires an up-date in the Part Number described below:									
	Before: T520T107M006A T E070 → After T520T107M006A P E070									
	Samples and Qualification Pack data are available upon request									



Effective Date and Identification	The effective change date date with new lead material is 1st January 2015 . The 100% Tin lead material will be shipped until all stock is depleted.
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