

Process/Product Change Notification

Polymer SMD Chip A 3216-18 Capacity Expansion

Date: Aug-19-2015	ID Number (DDMMYY): PCN-08192015-UMQ
Affected Products	Polymer Capacitors Surface Mount (KO-CAP) Industrial Grade Series T520 and T525 specific from case size A – EIA 3216-18, with KEMET part number starting with: • T520A.... • T525A....
Change	KEMET announces the expansion in the manufacturing capacity of the Polymer Capacitor case size A at a Private Label Partner (PLP), to optimize the process flow at Suzhou, China manufacturing plant. The direct replacement offering (PLP) is a qualified manufacturing location for series T520A and T525A. The change will not negatively affect the Form, Fit, Function or Reliability of the component. There will be no change on the replacement part number nor the reel package quantity. A Qualification Package and samples of the PLP components for verification are available upon request. The affected part numbers are described in Table I.
Justification and Benefits	This expansion will allow KEMET to provide additional capacity and manufacturing flexibility with qualification at both our Suzhou, China plant and PLP manufacturing locations.
Effective Date and Identification	The PLP manufacturing conversion will phase in March 2016. After March 2016, these capacitors may be shipped from any qualified manufacturing location. The capacitor manufacturing traceability can be identified by the marking, as well as on the reel labeling. Details are described in Table 2.
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Table 1 – Case size A – List of Impacted Part Numbers**All T520A Part numbers**

Rated Voltage (V) @ 105°	Rated Capacitance (μF)	Case Code/ Case Size	KEMET Part Number
2,5	47	A/3216-18	T520A476M2R5A(1)E090
2,5	68	A/3216-18	T520A686M2R5A(1)E070
2,5	68	A/3216-18	T520A686M2R5A(1)E080
4	33	A/3216-18	T520A336M004A(1)E070
4	33	A/3216-18	T520A336M004A(1)E080
4	47	A/3216-18	T520A476M004A(1)E070
4	47	A/3216-18	T520A476M004A(1)E080
4	68	A/3216-18	T520A686M004A(1)E180
4	100	A/3216-18	T520A107M004A(1)E150
4	100	A/3216-18	T520A107M004A(1)E200
6,3	22	A/3216-18	T520A226M006A(1)E090
6,3	22	A/3216-18	T520A226M006A(1)E100
6,3	33	A/3216-18	T520A336M006A(1)E070
6,3	33	A/3216-18	T520A336M006A(1)E080
6,3	33	A/3216-18	T520A336M006A(1)E120
6,3	47	A/3216-18	T520A476M006A(1)E150
6,3	68	A/3216-18	T520A686M006A(1)E150
10	10	A/3216-18	T520A106M010A(1)E080
10	15	A/3216-18	T520A156M010A(1)E080
10	22	A/3216-18	T520A226M010A(1)E080

All T525A Part numbers

Rated Voltage (V) @ 105°C	Rated Capacitance (μF)	Case Code/ Case Size	KEMET Part Number
10	10	A/3216-18	T525A106M010A(1)E080

Table 2 – Capacitor Marking

Series	KEMET	PLP
T520		
T525		

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