



# Product Change Notification



Product Group: Tantalum Capacitor Division/September 03, 2017/ PCN-TC-010-2017 Rev 0

## Change of TM8 Capacitors Body Marking Contrast.

**DESCRIPTION OF CHANGE:** Cancel additional white ink application over laser engraved characters.

**CLASSIFICATION OF CHANGE:** Minor.

**REASON FOR CHANGE:** Inconsistent quality of white ink application over laser engraved characters due to manual method of application causes unnecessary losses. No changes to marking shape comparing to how it currently is and it has always been. Laser marking as is provides good contrast which is AOI recognizable. Vishay manufactures capacitors of similar to TM8 technology for several business segments with laser marking only for more than 10 years and there were no complaints associated with marking quality/contrast. Images on Fig. 1a and Fig. 1b (see sheet 2) show capacitors of different cases with and without white ink application.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** This change doesn't affect Fit, Form and Function of products specified below.

**PRODUCT CATEGORY:** Tantalum Capacitors.

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

TM8M105K010HBZ	TM8R335K020RBB	TM8M225K016EBZ303
TM8M105K016AZZ	TM8M475K010HBZ	TM8M105K016EBA306
TM8M105K020UBZ	TM8M475K010UBA	TM8M105K020EBA306
TM8M105K020EBZ	TM8M475K010UBZ	TM8M106K6R3EBA306
TM8R105K025UBA	TM8M475K010EBZ	TM8M156K6R3EBA306
TM8P105K040UBA	TM8P475K025UBA	TM8P336M6R3EBA306
TM8R105M025CBA	TM8P475K025RBB	TM8M475K010LBA306
TM8R106K010UBA	TM8P475K025EBZ	TM8P475M025EBA306
TM8R106K016HBZ	TM8M475K6R3EBZ	TM8M105K010EBZ311
TM8R106K016UBA	TM8P475M025CA	TM8R106K010EBZ311
TM8R106K016UBZ	TM8T476K010HSZ	TM8P475K025PBC311
TM8A106K020RBB	TM8T476K010CZZ	TM8P475K025PBC315
TM8M106K6R3UBA	TM8T476K010UBZ	TM8M105K016WBA317
TM8M106K6R3RBZ	TM8T476M010CBA	TM8M225K016WBA317
TM8M106K6R3EBZ	TM8T476M010EZZ	TM8A106K020EBA318
TM8M225K016UBA	TM8P476M6R3EZZ	TM8R335K020EBA318
TM8M225K016UBZ	TM8M156K6R3EBZ302	TM8P475K025EBA318
TM8M225K016EBZ	TM8M335K010ESZ302	TM8P475K025PCC397
TM8R335K020UBA	TM8M475K010ESZ302	

**VISHAY BRAND(s):** VISHAY SPRAGUE

### TIME SCHEDULE:

**Start shipment date** 1 Jan 2018

**SAMPLE AVAILABILITY:** Mechanical samples with laser marking are available per request

Vishay Intertechnology, Inc.

Corporate Headquarters 63 Lincoln Highway, Malvern, PA 19355-2143 U.S.A. Phone (610) 644-1300 Fax (610) 296-0657 [www.vishay.com](http://www.vishay.com)

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**PRODUCT IDENTIFICATION:** No special identification.

**QUALIFICATION DATA:** N/A.

**PCN implementation date:** 1 Jan 2018

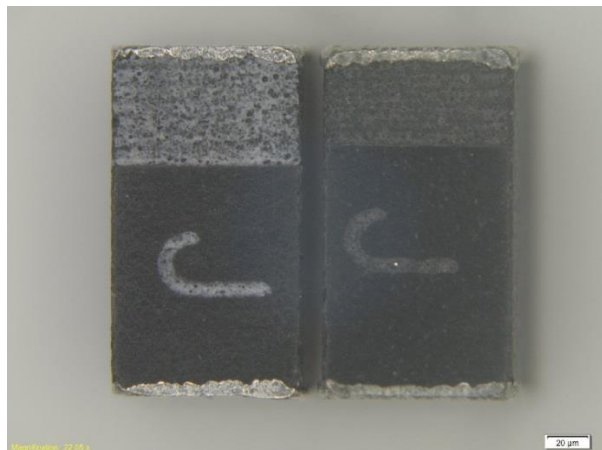
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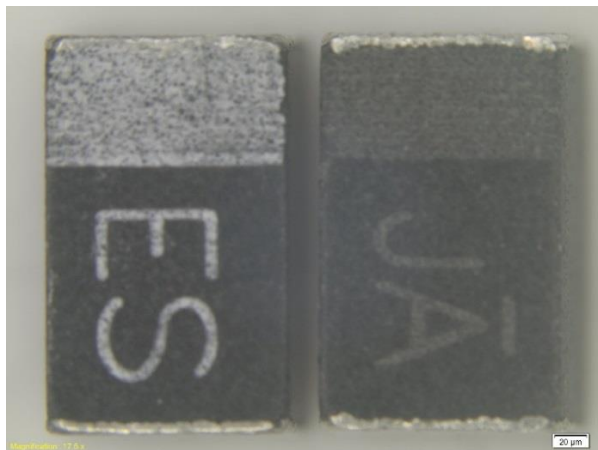
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**Fig. 1a. Case M (0603).**



**Fig. 1b. Case P (1006).**