



Product Change Notification



Product Group: Vishay Tantalum capacitors / November 26, 2018 / PCN-TC-009-2018 Rev 1

Change of T58 47 μ F-6.3V M0 Capacitors Body Marking, DC leakage limit and Performance Characteristics

DESCRIPTION OF CHANGE:

1. Remove voltage code from capacitors body marking. Images in Fig. 1 and Fig. 2 describe capacitors body marking scheme before and after the change;
2. Update DC leakage limit at +25° C to 60 μ A;
3. Performance Characteristics:
 - Life test: change temperature to + 60 °C and duration time to 1000 hours;
 - Surge Voltage test: change temperature to + 60 °C.

CLASSIFICATION OF CHANGE:

1. Marking;
2. Form, Fit, Function.

REASON FOR CHANGE:

1. Improve package integrity;
2. Comply with recommended limits for polymers to high end ratings as such.

EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:

There is no effect on quality and reliability. Customers who already designed in this rating, will need to review new DC leakage limit in their specific applications.

PRODUCT CATEGORY: Tantalum Capacitors with polymer cathode, type T58

PART NUMBERS/SERIES/FAMILIES AFFECTED: T58M0476M6R3C0500 and T58M0476M6R3C0300

VISHAY BRAND(s): VISHAY SPRAGUE

TIME SCHEDULE:

Start Shipment Date: January 24, 2019

SAMPLE AVAILABILITY: samples are available upon request

PRODUCT IDENTIFICATION: capacitors with no Voltage code in body marking

QUALIFICATION DATA: data is available upon request

This PCN is considered approved, without further notification, unless we receive specific customer concerns before January 24, 2019 or as specified by contract.

ISSUED BY: Natalia Burakevich

For further information, please contact your regional Vishay office.

CONTACT INFORMATION:

The Americas

Vishay Americas Inc.
7557 Rambler Road, Suite 575
Dallas, TX 75231-4142
USA
Att: David Bellomy
Phone: (254)479-0010
Fax: +1 214-363-9444
Email: David.Bellomy@vishay.com

Europe

Vishay Israel Ltd.
Regional Marketing Europe
New Industrial Park, P.O.B 87
Dimona 8610002
Israel
Att: Albert Mallet
Phone: +972-8-656-1112
Fax: +972-8-655-8360
Email: Albert.Mallet@Vishay.com



Asia

VISHAY Intertechnology Asia Pte. Ltd.
Regional Marketing Asia
37A Tampines Street 92, #07-00
Singapore 528886
Att: Boon Hooi Tan
Phone: +65-6780-7759
Fax: +65-6780-7749
Email: Boonhooi.Tan@Vishay.com

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

ONE OF THE WORLD'S LARGEST MANUFACTURERS OF DISCRETE SEMICONDUCTORS AND PASSIVE COMPONENT

Mx-Case	M0-Case
<p>Polarity bar Voltage code</p> 	<p>Polarity bar</p> 
<p>Fig. 1. T58 47μF-6.3V M0 Capacitors Body Marking before the change</p>	<p>Fig. 2. T58 47μF-6.3V M0 Capacitors Body Marking after the change</p>