



# Product Change Notification



Product Group: Film Capacitors/June 04, 2014/PCN-FC-005-2014 Rev 0

## Halogen Free and Vishay Green MKT General Purpose Film Capacitors

### **DESCRIPTION OF CHANGE:**

Vishay Film Capacitors is pleased to announce that we are progressively eliminating Halogen from our film capacitors, driven by environmental concerns and to fulfill the 2016 deadline imposed by the EU directives over Waste Electrical and Electronic Equipment (WEEE).

This change will result in modifications on the plastic case and filling epoxy, which will both become black. This will make the new shipments easily identifiable by component color. Also, from now on, marking is possible with Vishay logo or with Vishay lettering.

Additionally, Vishay will upgrade the series MKT1817/MKT1818, and on the MKT 1817, which is currently supplied with Cu wire, Vishay will add copper clad iron wire (fecuma) as lead wire material. The pitch compatibility is maintained and no changes to the PCB are needed. Manufacturing sites for these series will be Famalicão (Portugal) and Loni (India).

### **CLASSIFICATION OF CHANGE:**

Change in filling epoxy and plastic case, dimensional changes on selected series, lead wire material added on selected series, manufacturing sites added.

### **REASON FOR CHANGE:**

Fulfilling the expected requirements of WEEE and the internal Vishay targets for GREEN products

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** None

**PRODUCT CATEGORY:** Film Capacitors

### **PART NUMBERS/SERIES/FAMILIES AFFECTED:**

MKT1818 – Halogen Free, Vishay GREEN, Upgrade and added manufacturing site.

MKT1817 – Halogen Free, Vishay GREEN, Upgrade, lead wire material change and manufacturing site.

BFC2370 / BFC2371 / BFC2372 / BFC2373 – Halogen Free, Vishay GREEN added manufacturing site

BFC5370 / BFC5371 / BFC5372 / BFC5373 – Halogen Free, Vishay GREEN and manufacturing site

BFC2470 – Manufacturing Site

**VISHAY BRAND(s):** BCcomponents, Roederstein

### **TIME SCHEDULE:**

Start Shipment date: shipments will start from 1<sup>st</sup> November 2014 onwards

Last Time Buy Date: n/a

Last Time Shipment Date: n/a

**SAMPLE AVAILABILITY:** n/a

**PRODUCT IDENTIFICATION:** by date code, by plastic case color and by filling epoxy color.

**QUALIFICATION DATA:** yes, on request – AEC-Q200 for 370 - 373 report available at end 2014 (estimated).

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before 15<sup>th</sup> October 2014 or as specified by contract.**

**ISSUED BY:** Helder Carneiro; email: [helder.carneiro@vishay.com](mailto:helder.carneiro@vishay.com) Tel.: +351 252 330 132

**For further information, please contact your regional Vishay office.**

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**Datasheet:**

In the datasheet we will add the symbol "Halogen Free" and 'Vishay Green'.

**HALOGEN  
FREE**

**GREEN  
(5-2008)\*\***

• Material categorization: For definitions of compliance please see [www.vishay.com/doc?99912](http://www.vishay.com/doc?99912)

**Label:**

Existing	New
 <p>TYPE :MKP 1847 10µF ±10% 310Vac            BATCH :201308PT LOT:0032898866 DC:1308 F            QTY :91            PART N:MKP1847610315P2            OBS: RoHS (e3) (Pb free) S.L.:0010 REGION:7040 40/105/56            PO:0032898866 PI:0001 SER NO:1998866D0002</p>	 <p>TYPE :MKP 1847 10µF ±10% 310Vac            BATCH :201308PT LOT:0032898866 DC:1308 F            QTY :91            PART N:MKP1847610315P2            OBS: RoHS (Pb free) HF S.L.:0010 REGION:7040 40/105/56            PO:0032898866 PI:0001 SER NO:1998866D0002</p>

**Vishay Marking**

Embossed on Top Lettering	Printed Lettering	Printed Logo
		