



# Product Change Notification



Product Group: Film Capacitors/March 6, 2013/PCN-FC-002-2013 Rev 0

## Halogen Free and Vishay Green 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 gray 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.

There will be absolutely no changes in the internal capacitor construction or performance.

Summarized: Change to Halogen free

**CLASSIFICATION OF CHANGE:** Change in filling epoxy and plastic case

**REASON FOR CHANGE:** Fulfilling the European directive of WEEE.

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

**PRODUCT CATEGORY:** Film Capacitors

### PART NUMBERS/SERIES/FAMILIES AFFECTED:

MKP1847 / KP1836 / MKP1846 / MKP1844 / MKT1822 / BFC2470 / MKP1837 / BFC2386 /

MKP386M / KP386A

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

### TIME SCHEDULE:

Start Shipment date: shipments will start from September 2013 onwards

Last Time Buy Date: n/a

Last Time Shipment Date: n/a

### SAMPLE AVAILABILITY:

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

**QUALIFICATION DATA:** yes, on request

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before May 2013.**

**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.

**The Americas**

Vishay Marketing  
 Jack Culloton  
 Phone + 1 207 4907208  
[jack.culloton@vishay.com](mailto:jack.culloton@vishay.com)

**Europe**

Vishay Marketing  
 Jose Fernandes  
 Phone + 351 252 330123  
[jose.fernandes@vishay.com](mailto:jose.fernandes@vishay.com)

**Asia**

Vishay Marketing  
 Song-Hee Lau  
 Phone + 65 6780 7711  
[songhee.lau@vishay.com](mailto:songhee.lau@vishay.com)

**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 10<math>\mu</math>F <math>\pm</math>10% 310Vac                  BATCH :201308PT      LOT:0032898866      DC:1308 F                  QTY :91                  PART N:MKP1847610315P2                  OBS:      RoHS   S.L.:0010                  REGION:7040                  40/105/56                  PO:0032898866      PI:0001      SER NO:1998866D0002</p>	 <p>TYPE :MKP 1847 10<math>\mu</math>F <math>\pm</math>10% 310Vac                  BATCH :201308PT      LOT:0032898866      DC:1308 F                  QTY :91                  PART N:MKP1847610315P2                  OBS:      RoHS  S.L.:0010                  HF      REGION:7040                  40/105/56                  PO:0032898866      PI:0001      SER NO:1998866D0002</p>

**Vishay Marking**

Embossed on Top Lettering	Printed Lettering	Printed Logo
		