



# Product Change Notification



Product Group: Film Capacitors/April 26th, 2013/PCN-FC-005-2013 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 or green 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:

MKT1820\* Excluded part numbers: *(both will be handled in a separately PCN)*  
MKT18204684054  
MKT18206115153

**VISHAY BRAND(s):** Roederstein

### TIME SCHEDULE:

Start Shipment date: shipments will start from 1<sup>st</sup> November 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 1<sup>st</sup> August 2013 or as specified in contract.**

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**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:**

Example:

Existing	New
 <p>TYPE :MKT 1820 1<math>\mu</math>F <math>\pm</math>10% 250V= BATCH :200921PT LOT:0031088467 DC:0921 F QTY :300 PART N:MKT1820510255 OBS: RoHS (E3) Pb-free S.L.:0010 REGION:7040 55/125/56 PO:0031088467 PI:0001 SER NO:1988467B0002</p>	 <p>TYPE :MKT 1820 1<math>\mu</math>F <math>\pm</math>10% 250V= BATCH :200921PT LOT:0031088467 DC:0921 F QTY :300 PART N:MKT1820510255 OBS: RoHS (HF) Pb-free S.L.:0010 REGION:7040 55/125/56 PO:0031088467 PI:0001 SER NO:1988467B0002</p>

**Vishay Marking**

Example:

Embossed on Top Lettering	Printed Lettering	Printed Logo
		