




# Product Change Notification



Product Group: FC/Tue May 25, 2021/PCN-FC-006-2021-REV-0

## Introduction of Alternative Metal Spraying Method

**DESCRIPTION OF CHANGE:** Currently Vishay India performs a two-step metal spraying process in the production of Film Capacitors. The first step uses an arc (electrically melting of metal) process where the second step, depending on part number, uses either an arc or gas, to melt and deposit the metal. In order to create flexibility due to the limited availability of oxygen used in the gas process, Vishay intends to use the arc process for the second layer for all parts until the oxygen supply returns to normal. It is important to note that ARC metal spray is an approved process on multiple part numbers that has been in production, both on first and second layers, for many years. There is no change in the form, fit and/or function of all involved parts. Never the less, we have decided to re-validated the process, with standard qualification steps, and provide a notification to our customer base. 

**REASON FOR CHANGE:** Oxygen is not available in India due to current restrictions for industrial manufacturing. Therefore, approval of both processes increases production flexibility and delivery of end products.

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** No change in quality and reliability performance.

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** Please see materials list on the succeeding page.

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

### TIME SCHEDULE:

Start Shipment Date: Tue Jun 1, 2021

**SAMPLE AVAILABILITY:** yes

**PRODUCT IDENTIFICATION:** Production datecode (site / week / year) L/22/2021

**QUALIFICATION DATA:** Available on request, 500hrs test data. Full qualification data over 1000hrs can be provided by June 16th, 2021.

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before Tue Jun 1, 2021 or as specified by contract.**

**ISSUED BY:** Helder Carneiro, Helder.Carneiro@vishay.com

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

**CONTACT INFORMATION:**

Vishay Intertechnology, Inc.

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



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BFC2303*	BFC5313*	BFC5314*	BFC2332*	BFC2334*
BFC2339*	BFC2365*	BFC2366*	BFC2367*	BFC2368*
BFC2369*	BFC2370*	BFC2371*	BFC2372*	BFC2373*
BFC2375*	BFC2376*	BFC2378*	BFC2379*	BFC2380*
BFC2383*	BFC2385*	BFC2401*	BFC2405*	BFC2416*
BFC2417*	BFC2418*	BFC2419*	BFC2420*	BFC2422*
BFC2465*	BFC2467*	BFC2468*	BFC2470*	BFC2479*
BFC23361*	BFC23362*	BFC23366*	BFC23381*	BFC23382*
BFC23384*	BFC23386*	MKT1817*	MKT1818*	MKT1820*
MKP1840*	MKP1841*	MKP1848*	F1710*	F1778*
F339X1*	F339X2*	F340X2*	F340Y2*	MKP383*
MKP385*	MKP385E*			

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