



# PRODUCT CHANGE NOTIFICATION

## FIXED RESISTORS

REVISED APRIL 13, 2021



## Model CRM High Power Current Sense Chip Resistor Series

### *Resistive Element Material Change for Select Models with Resistance Values Lower than 1 Ohm*

Riverside, California – December 14, 2020 - Revised January 13, 2021 & April 13, 2021 – Effective June 1, 2021, the silver-based resistive element of select Bourns® Model CRM High Power Current Sense Chip Resistors with resistance values lower than 1 ohm will be replaced by a copper-based resistive element due to shortages of silver-based resistive elements. Models with resistance values from 1 ohm to 1 megohm remain unchanged.

The change in the resistive element material from silver-based to copper-based will have no effect on the fit, form, function, quality or reliability of the affected chip resistors. A list of affected part numbers is included on the following page.

Samples are available upon request.

Implementation dates are as follows:

Date evaluation samples of the new model design will be available: **December 1, 2020**

Date that manufacturing product with existing silver-based resistive element will cease: **May 31, 2021**

Date that deliveries of product with modified copper-based resistive element will begin: **June 1, 2021**

First date code using the above changes: **2123**

If you have any questions or need additional information, please feel free to contact [Customer Service/Inside Sales](#).

*Users should verify that the described changes will not impact the performance of the product in their specific applications.*

N2027REV2

Affected Part Numbers		
<a href="#">CRM0805-FW-R050ELF</a>	CRM0805-FX-R091ELF	CRM0805-JX-R100ELF
CRM0805-FW-R090ELF	CRM0805-FX-R100ELF	<del>CRM0805AFX-R100ELF</del>
CRM0805-FX-R047ELF	CRM0805-FX-R150ELF	<del>CRM0805AFX-R500ELF</del>
CRM0805-FX-R068ELF	CRM0805-FX-R510ELF	<del>CRM0805AJX-R100ELF</del>
CRM0805-FX-R075ELF	CRM0805-FX-R910ELF	
<a href="#">CRM1206-FX-R047ELF</a>	CRM1206-FX-R220ELF	CRM1206-FX-R910ELF
CRM1206-FX-R050ELF	CRM1206-FX-R300ELF	CRM1206-JX-R051ELF
CRM1206-FX-R051ELF	CRM1206-FX-R330ELF	CRM1206-JX-R130ELF
CRM1206-FX-R056ELF	CRM1206-FX-R360ELF	CRM1206-JX-R150ELF
CRM1206-FX-R082ELF	CRM1206-FX-R470ELF	CRM1206-JX-R160ELF
CRM1206-FX-R100ELF	CRM1206-FX-R510ELF	<del>CRM1206AFX-R068ELF</del>
CRM1206-FX-R150ELF	CRM1206-FX-R680ELF	<del>CRM1206AFX-R100ELF</del>
CRM1206-FX-R160ELF	CRM1206-FX-R750ELF	<del>CRM1206AFX-R470ELF</del>
CRM1206-FX-R200ELF	CRM1206-FX-R820ELF	
<a href="#">CRM2010-FX-R047ELF</a>	CRM2010-FX-R220ELF	CRM2010-FX-R910ELF
CRM2010-FX-R050ELF	CRM2010-FX-R240ELF	CRM2010-JX-R047ELF
CRM2010-FX-R051ELF	CRM2010-FX-R270ELF	CRM2010-JX-R100ELF
CRM2010-FX-R082ELF	CRM2010-FX-R300ELF	CRM2010-JX-R820ELF
CRM2010-FX-R090ELF	CRM2010-FX-R390ELF	<del>CRM2010AFX-R100ELF</del>
CRM2010-FX-R100ELF	CRM2010-FX-R470ELF	<del>CRM2010AFX-R330ELF</del>
CRM2010-FX-R150ELF	CRM2010-FX-R510ELF	
CRM2010-FX-R200ELF	CRM2010-FX-R820ELF	

**Affected Part Numbers (continued)**

<a href="#">CRM2512-FV-R050ELF</a>	CRM2512-FX-R240ELF	CRM2512-JX-R068ELF
CRM2512-FV-R060ELF	CRM2512-FX-R250ELF	CRM2512-JX-R100ELF
CRM2512-FV-R075ELF	CRM2512-FX-R270ELF	CRM2512-JX-R200ELF
CRM2512-FV-R082ELF	CRM2512-FX-R300ELF	CRM2512-JX-R300ELF
CRM2512-FV-R090ELF	CRM2512-FX-R330ELF	CRM2512-JX-R470ELF
CRM2512-FX-R047ELF	CRM2512-FX-R390ELF	CRM2512-JX-R510ELF
CRM2512-FX-R050ELF	CRM2512-FX-R430ELF	CRM2512-JX-R680ELF
CRM2512-FX-R062ELF	CRM2512-FX-R470ELF	CRM2512-JX-R750ELF
CRM2512-FX-R075ELF	CRM2512-FX-R500ELF	CRM2512-JX-R820ELF
CRM2512-FX-R082ELF	CRM2512-FX-R510ELF	CRM2512-JX-R910ELF
CRM2512-FX-R100ELF	CRM2512-FX-R680ELF	<del>CRM2512AFX-R100ELF</del>
CRM2512-FX-R120ELF	CRM2512-FX-R750ELF	<del>CRM2512AFX-R680ELF</del>
CRM2512-FX-R150ELF	CRM2512-FX-R820ELF	<del>CRM2512AJX-R200ELF</del>
CRM2512-FX-R200ELF	CRM2512-FX-R910ELF	
CRM2512-FX-R220ELF	CRM2512-JX-R050ELF	