



# PRODUCT CHANGE NOTIFICATION

## FIXED RESISTORS



## Model CRM High Power Current Sense Chip Resistor Series

### *Resistive Element Material Change*

Riverside, California – December 15, 2020 – Effective June 1, 2021, the silver-based resistive element of the Bourns® Model CRM High Power Current Sense Chip Resistor Series will be replaced by a copper-based resistive element due to shortages of silver-based resistive elements.

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](#).

Affected Part Numbers		
<a href="#">CRM0805-FW-R050ELF</a>	CRM0805-FX-R091ELF	CRM0805-JX-R100ELF
CRM0805-FW-R090ELF	CRM0805-FX-R100ELF	CRM0805AFX-R100ELF
CRM0805-FX-R047ELF	CRM0805-FX-R150ELF	CRM0805AFX-R500ELF
CRM0805-FX-R068ELF	CRM0805-FX-R510ELF	CRM0805AJX-R100ELF
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	CRM1206AFX-R068ELF
CRM1206-FX-R150ELF	CRM1206-FX-R680ELF	CRM1206AFX-R100ELF
CRM1206-FX-R160ELF	CRM1206-FX-R750ELF	CRM1206AFX-R470ELF
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	CRM2010AFX-R100ELF
CRM2010-FX-R100ELF	CRM2010-FX-R470ELF	CRM2010AFX-R330ELF
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	CRM2512AFX-R100ELF
CRM2512-FX-R120ELF	CRM2512-FX-R750ELF	CRM2512AFX-R680ELF
CRM2512-FX-R150ELF	CRM2512-FX-R820ELF	CRM2512AJX-R200ELF
CRM2512-FX-R200ELF	CRM2512-FX-R910ELF	
CRM2512-FX-R220ELF	CRM2512-JX-R050ELF	