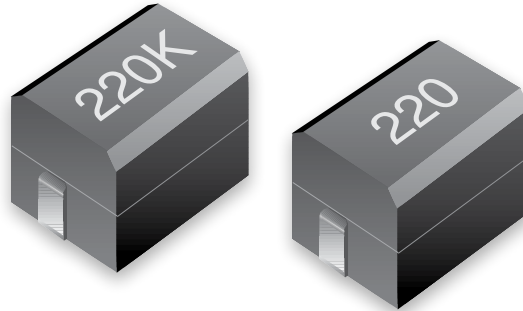


# PRODUCT CHANGE NOTIFICATION

## MAGNETICS



### Select Bourns® Model CC453232, CM322522, PM1210, CM453232 and PM1812 Series Chip Inductors

*Change in Source of Supply for Inductor Core*

Riverside, California – September 22, 2022 – In order to support our fast-growing demand and enhance continuity of supply, effective March 12, 2023, Bourns will change its ferrite core material supplier for select Model [CC453232](#), [CM322522](#), [PM1210](#), [CM453232](#) and [PM1812](#) Series Chip Inductors. The new supplier has been qualified and is included in the Bourns Authorized Vendor List.

The material characteristics of the cores from the new supplier are compared to the characteristics of the existing cores in the following table:

Core Characteristics	Existing Source	New Source
Initial Permeability	400 ±25 %	400 ±25 %
Saturation Flux Density (mT)	420	340
Relative Loss Factor (tanδ/μi)	< 50 x 10 <sup>-6</sup>	< 100 x 10 <sup>-6</sup>
Curie Temperature (°C)	> 170	> 200

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

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The form, fit, function, quality, reliability and country of origin of the affected inductors will not change. The change of supplier will not change the data sheet specifications for the affected inductor models. The production lead time of these inductors will remain the same. Traceability will be maintained through lot code and date code.

A list of affected part numbers is included below.

Affected Part Numbers			
CC453232-100KL	CC453232-390KL	CM322522-151KL	CM453232-561KL
CC453232-101KL	CC453232-391KL	CM453232-102JL	CM453232-681JL
CC453232-120KL	CC453232-3R3KL	CM453232-102KL	CM453232-681KL
CC453232-121KL	CC453232-3R9KL	CM453232-121JL	CM453232-821JL
CC453232-150KL	CC453232-470KL	CM453232-121KL	CM453232-821KL
CC453232-151KL	CC453232-471KL	CM453232-151JL	PM1210-101J-RC
CC453232-180KL	CC453232-4R7KL	CM453232-151KL	PM1210-121J-RC
CC453232-181KL	CC453232-560KL	CM453232-181JL	PM1210-151J-RC
CC453232-1R0KL	CC453232-561KL	CM453232-181KL	PM1812-102J-RC
CC453232-1R2KL	CC453232-5R6KL	CM453232-221JL	PM1812-121J-RC
CC453232-1R5KL	CC453232-680KL	CM453232-221KL	PM1812-121J-RC
CC453232-1R8KL	CC453232-681KL	CM453232-271JL	PM1812-181J-RC
CC453232-220KL	CC453232-6R8KL	CM453232-271KL	PM1812-221J-RC
CC453232-221KL	CC453232-820KL	CM453232-331JL	PM1812-271J-RC
CC453232-270KL	CC453232-8R2KL	CM453232-331KL	PM1812-331J-RC
CC453232-271KL	CM322522-101JL	CM453232-391JL	PM1812-391J-RC
CC453232-2R2KL	CM322522-101KL	CM453232-391KL	PM1812-471J-RC
CC453232-2R7KL	CM322522-121JL	CM453232-471JL	PM1812-561J-RC
CC453232-330KL	CM322522-121KL	CM453232-471KL	PM1812-681J-RC
CC453232-331KL	CM322522-151JL	CM453232-561JL	PM1812-821J-RC

Samples built using cores from the new supplier are available upon request. Bourns recommends that customers test the affected part number(s) in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that deliveries of products manufactured using cores from the new supplier will begin: **March 12, 2023**  
First date code using cores from the new supplier: **2311**

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