

PRODUCT CHANGE NOTIFICATION

MAGNETICS



Certain Bourns® Model 5200 Series Hash Chokes & Model 70F Series Varnished Chokes *Additional Source of Supply for Inductor Core*

Riverside California – July 18, 2022 – In order to support our fast-growing demand and improve the flexibility of material management and sourcing lead time, effective October 9, 2022, Bourns will begin using an additional ferrite core material supplier for certain [Model 5200 Series Hash Chokes](#) and [Model 70F Series Varnished Chokes](#). The additional supplier has been qualified and included in the Authorized Vendor List.

The material characteristics of the core from the additional supplier are compared to the characteristics of the core from the existing supplier in the following tables:

Model 5230-RC Core Characteristics	Existing Source	Additional Source
Initial Permeability	350	400
Saturation Flux Density (mT)	380	410
Curie Temperature (°C)	200	250

Model 5240-RC to 5258-RC Core Characteristics	Existing Source	Additional Source
Initial Permeability	300	250
Saturation Flux Density (mT)	240	420
Curie Temperature (°C)	150	300

Model 70F Series Core Characteristics	Existing Source	Additional Source
Initial Permeability	250	250
Saturation Flux Density (mT)	300	420
Curie Temperature (°C)	140	300

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

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The use of the core from the additional supplier will not change the data sheet specifications for the affected Model 5200 Series Hash Chokes and Model 70F Series Varnished Chokes. The form, fit, function, quality and reliability of the inductor will not be affected by the core used. Traceability will be maintained through lot code and date code. A list of affected part numbers is included below.

Affected Part Numbers - Certain Model 5200 Series

5230-RC	5248-RC	5252-RC	5256-RC
5240-RC	5250-RC	5254-RC	5258-RC

Model 70F Series

70F101AF-RC	70F502AF-RC
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Samples built using cores from the additional inductor core supplier are available upon request. Bourns recommends that customers test the affected part number(s) made with the new core in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that deliveries of products manufactured using cores from both sources will begin: **October 9, 2022**
First date code using cores from both sources: **2241**

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