



PRODUCT CHANGE NOTIFICATION

MAGNETICS



Bourns® Model SRN3015 Series Semi-shielded Power Inductors

Additional Source of Supply for Inductor Core

Riverside, California – February 1, 2022 – In order to support our fast-growing demand, enhance continuity of supply and provide maximum flexibility to customers, effective February 15, 2022, Bourns will begin using an additional ferrite core material supplier for the [Model SRN3015 Series Non-shielded Power Inductors](#). The additional supplier has been qualified and is included in our Authorized Vendor List to improve the flexibility of material management and sourcing lead time.

The material characteristics of the additional core are similar to the existing core.

Core Characteristics	Existing Source	Additional Source
Initial Permeability	300 - 500	250 ± 25 %
Saturation Flux Density (mT)	410 - 500	465
Relative Loss Factor, $\tan\delta/\mu$	< 15 x 10 ⁻⁶	< 50 x 10 ⁻⁶
Curie Temperature (°C)	> 200	> 260
Electrical Resistivity (Ω m)	> 10 ⁵	10 ⁶

Bourns tested cores from the new supplier and found that they did not affect the current published inductor specifications for the affected part numbers. A list of affected part numbers is included below.

Affected Part Numbers				
SRN3015-100M	SRN3015-180M	SRN3015-220M	SRN3015-3R3M	SRN3015-6R8M
SRN3015-101M	SRN3015-1R0Y	SRN3015-2R2M	SRN3015-470M	
SRN3015-150M	SRN3015-1R5Y	SRN3015-330M	SRN3015-4R7M	

The form, fit, function, quality and reliability of the inductor remain the same. The traceability is maintained through lot code and date code.

Samples built from the additional inductor core supplier are available starting **February 15, 2022**.

Implementation dates are as follows:

Date that deliveries of products using cores from the new supplier will begin: **February 15, 2022**

First date code using the above changes: **2207**

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.

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