BOURNS®

# 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, tanδ/μi | $<15 \times 10^{-6}$ | $<50 \times 10^{-6}$ |
| Curie Temperature (°C) | > 200 | > 260 |
| Electrical Resistivity (Ωm) | $> 10^{5}$ | $10^{6}$ |

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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