



# PRODUCT CHANGE NOTIFICATION

## MAGNETICS



## Bourns® Model SRR6040A Series Shielded Power Inductors

### *Additional Source of Supply for Inductor Core*

Riverside, California – January 13, 2023 – In order to support our fast-growing demand, enhance continuity of supply and provide maximum flexibility to customers, effective July 10, 2023, Bourns will begin using an additional ferrite core material supplier for the [Model SRR6040A Series Shielded Power Inductors](#). The additional supplier has been qualified and included in the Authorized Vendor List.

The material characteristics of the core from the additional supplier and the existing core are compared in the following table:

Core Characteristics	Existing Source	New Source
Initial Permeability	650 ± 25 %	400 ± 25%
Saturation Flux Density (mT)	370	380
Curie Temperature (°C)	> 180	> 210

The use of the core from the additional supplier will not change the data sheet specifications for the Model SRR6040A Series Shielded Power Inductors. 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			
SRR6040A-100M	SRR6040A-1R0Y	SRR6040A-3R0Y	SRR6040A-6R8Y
SRR6040A-101M	SRR6040A-220M	SRR6040A-470M	SRR6040A-820M
SRR6040A-120M	SRR6040A-270M	SRR6040A-560M	SRR6040A-8R2Y
SRR6040A-150M	SRR6040A-330M	SRR6040A-5R0Y	
SRR6040A-180M	SRR6040A-390M	SRR6040A-680M	

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: **July 10, 2023**

First date code using cores from both sources: **2328**

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.

IC22119