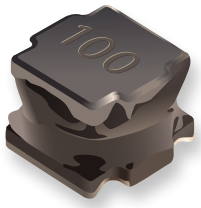
BOURNS®

PRODUCT CHANGE **NOTIFICATION**

MAGNETICS



Bourns® Model SRN6045HA Series Semi-shielded Power Inductors

Additional Source of Supply for Inductor Core

Riverside, California - June 30, 2022 – In order to support our fast-growing demand, enhance continuity of supply and provide maximum flexibility to customers, effective November 27, 2022, Bourns will begin using an additional ferrite core material supplier for the Model SRN6045HA Series Semi-shielded Power Inductors. The additional supplier has been qualified and is included in the Bourns Authorized Vendor List.

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

Core Characteristics	Existing Source	Additional Source
Initial Permeability	250 ± 25 %	200 ± 25 %
Saturation Flux Density (mT)	465	450
Relative Loss Factor, tanδ/μi	$< 40 \times 10^{-6}$	$< 40 \times 10^{-6}$
Curie Temperature (°C)	> 260	> 230

The use of the core from the additional supplier will not change the data sheet specifications for the Model SRN6045HA Series Semi-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			
SRN6045HA-100M	SRN6045HA-1R5Y	SRN6045HA-330M	SRN6045HA-4R7Y
SRN6045HA-101M	SRN6045HA-220M	SRN6045HA-3R3Y	SRN6045HA-R55Y
SRN6045HA-1R0Y	SRN6045HA-2R2Y	SRN6045HA-470M	

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: ***November 27, 2022***

First date code using cores from both sources: ***2248***

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.

IC22078

Americas: Tel +1-951 781-5500
americus@bourns.com

EMEA: Tel +36 88 885 877
eurocus@bourns.com

Asia-Pacific: Tel +886-2 256 241 17
asiacus@bourns.com