BOURNS®

PRODUCT CHANGE **NOTIFICATION**

MAGNETICS

Bourns® Model SDE1006A Series Non-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 April 10, 2022, Bourns will begin using an additional ferrite core material supplier for the Model SDE1006A 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
Loss Coefficient (tanδ/μi)	$<16 \times 10^{-6}$	$<25 \times 10^{-6}$
Saturation Flux Density (mT)	430	420
Curie Temperature (°C)	> 230	> 250

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 Number				
SDE1006A-100M	SDE1006A-181K	SDE1006A-2R2M	SDE1006A-470K	SDE1006A-681K
SDE1006A-120M	SDE1006A-1R2M	SDE1006A-330M	SDE1006A-471K	SDE1006A-6R8M
SDE1006A-121K	SDE1006A-1R5M	SDE1006A-331K	SDE1006A-4R7M	SDE1006A-820K
SDE1006A-101K	SDE1006A-220M	SDE1006A-390M	SDE1006A-560K	SDE1006A-821K
SDE1006A-150M	SDE1006A-221K	SDE1006A-391K	SDE1006A-561K	SDE1006A-8R2M
SDE1006A-151K	SDE1006A-270M	SDE1006A-3R3M	SDE1006A-5R6M	
SDE1006A-180M	SDE1006A-271K	SDE1006A-3R9M	SDE1006A-680K	

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 will be available starting ***April 18, 2022***.

Implementation dates are as follows:

Date that deliveries of products using cores from the new supplier will begin: ***April 10, 2022***

First date code using the above changes: ***2215***

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.

IC22019

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