



PRODUCT CHANGE NOTIFICATION

MAGNETICS



Bourns® Model SDE1006A Series SMD Power Inductors

Manufacturing Process and Carrier Tape Design Changes

Riverside, California – June 21, 2024 – In the spirit of continuous improvement, effective September 20, 2024, Bourns will change its wire winding and soldering processes from a manual to automated process for the [Model SDE1006A Series SMD Power Inductors](#). Bourns will also change the design of the carrier tape to increase the thickness and include a cavity shape to improve structural strength. A list of affected part numbers is included below.

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

The form, fit and function of the inductors will not change as a result of this change to the carrier tape. The quality and reliability of the affected part numbers should be improved with the above changes. Traceability will be maintained through lot code and date code.

Samples are available upon request. Bourns recommends that customers test the affected part numbers in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that manufacturing of products manufactured with current process change and existing carrier tape will cease: **September 19, 2024**

Date that deliveries of products manufactured with new process change and modified carrier tape will begin: **September 20, 2024**

First date code using the above changes: **2438**

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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