



PRODUCT CHANGE NOTIFICATION




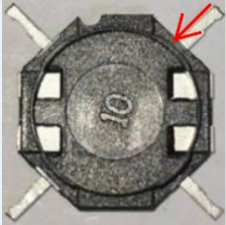
MAGNETICS



Bourns® Model SRF1260A and SRF1280A Series Dual-Winding Shielded Power Inductors *Implementation of Multiple Changes*

Riverside California – July 21, 2022 – In order to support our fast-growing demand and provide maximum flexibility to customers, Bourns will begin implementing several changes to improve the production efficiency and material sourcing lead time for the [Model SRF1260A](#) and [SRF1280A](#) Series Dual-Winding Shielded Power Inductors effective March 18, 2023.

- 1) Several manufacturing procedures will be changed from a manual or semi-automated process to a fully automated process. These changes should improve production efficiency, product quality and reliability. To accomplish these process changes, the design of the inductor shield and the mounting base will be modified as shown below.

Existing Shield	Revised Shield
	 Reduced wall thickness at the lower portion of shield (4 sides)
Existing Mounting Base	Revised Mounting Base
	 Added retainer wall (4 places)

Users should verify that the described changes will not impact the performance of the product in their specific applications.

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2) Certain properties of the ferrite core will change. The material characteristics of the revised core are compared to the characteristics of the existing core in the following table:

Core Material Characteristics	Existing Core	Revised Core
Initial Permeability	2400	1500
Saturation Flux Density (mT)	510	490
Curie Temperature (°C)	≥ 215	≥ 220

A list of affected part numbers is shown below:

Model SRF1260A - Affected Part Numbers				
SRF1260A-100M	SRF1260A-1R0Y	SRF1260A-330M	SRF1260A-4R7Y	SRF1260A-821M
SRF1260A-101M	SRF1260A-1R5Y	SRF1260A-331M	SRF1260A-680M	SRF1260A-8R2Y
SRF1260A-102M	SRF1260A-220M	SRF1260A-3R3Y	SRF1260A-681M	SRF1260A-R47Y
SRF1260A-150M	SRF1260A-221M	SRF1260A-470M	SRF1260A-6R8Y	
SRF1260A-151M	SRF1260A-2R2Y	SRF1260A-471M	SRF1260A-820M	

Model SRF1280A - Affected Part Numbers				
SRF1280A-100M	SRF1280A-1R0Y	SRF1280A-330M	SRF1280A-4R7Y	SRF1280A-821M
SRF1280A-101M	SRF1280A-1R5Y	SRF1280A-331M	SRF1280A-680M	SRF1280A-8R2Y
SRF1280A-102M	SRF1280A-220M	SRF1280A-3R3Y	SRF1280A-681M	SRF1280A-R47Y
SRF1280A-150M	SRF1280A-221M	SRF1280A-470M	SRF1280A-6R8Y	
SRF1280A-151M	SRF1280A-2R2Y	SRF1280A-471M	SRF1280A-820M	

The fit and function of the affected models will remain the same. The form of the affected models will change slightly due to the changes described above. The quality and reliability of the affected models should be improved. Traceability will be maintained through lot code and date code.

Samples built with the above changes are available on request. Bourns recommends that customers test the affected part number(s) in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that manufacturing of the existing product design and production process will cease: **March 18, 2023**

Date that deliveries of products manufactured with the revised design and production process will begin: **March 19, 2023**

First date code using the above changes: **2312**

If you have any questions or need additional information, please feel free to [contact Customer Service/Inside Sales](#).