

PRODUCT CHANGE NOTIFICATION

MAGNETICS



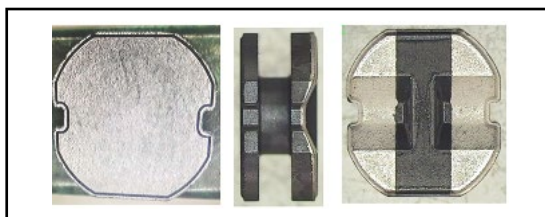
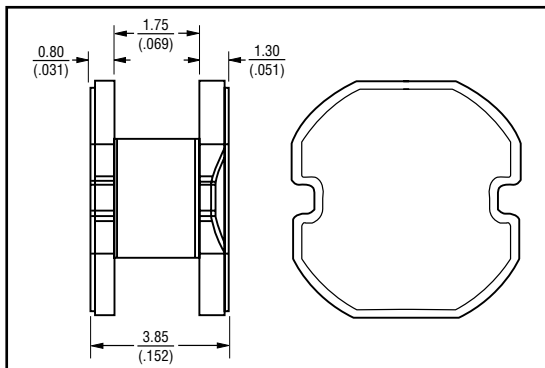
Bourns® Model SRN8040 Series Semi-shielded Power Inductors

Change to Inductor Core Design and Wire Diameter

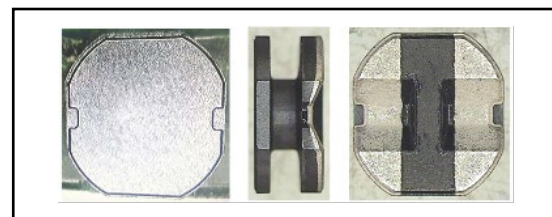
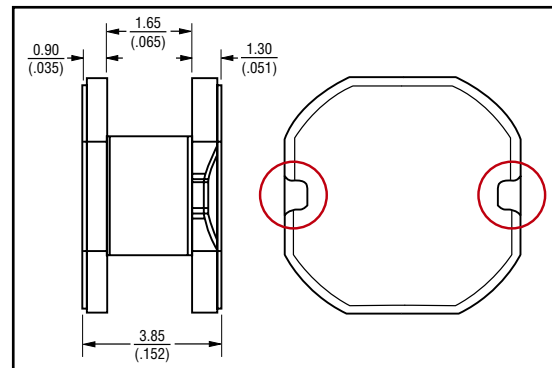
Riverside, California – August 13, 2021 – Effective February 12, 2022, Bourns will change the inductor core design of the [Model SRN8040 Series Semi-shielded Power Inductors](#). The modified inductor core will be comprised of a thicker top flange, removal of wire channels on the top flange and a reduced winding length. These modifications will strengthen the core structure and reduce the risk of a core crack.

Affected Part Numbers					
SRN8040-100M	SRN8040-1R0Y	SRN8040-2R0Y	SRN8040-3R3Y	SRN8040-4R7Y	SRN8040-8R2Y
SRN8040-101M	SRN8040-1R5Y	SRN8040-2R2Y	SRN8040-3R6Y	SRN8040-680M	SRN8040-R50Y
SRN8040-150M	SRN8040-220M	SRN8040-330M	SRN8040-470M	SRN8040-6R8Y	

Existing Inductor Core Design



New Inductor Core Design



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

IC2193



In addition, for three of the above affected part numbers, the wire diameter will be reduced slightly to accommodate the reduced core winding length. Affected part numbers with this additional change are listed below.

Affected Part Numbers		
SRN8040-101M	SRN8040-470M	SRN8040-680M

The form of the inductor will be changed. The fit and function remain the same. The quality and reliability of the component should be improved as a result of the design change.

Samples of the redesigned inductors are available upon request.

Implementation dates are as follows:

Date that products with the existing design will cease: **February 12, 2022**

Date that deliveries of products with the modified design will begin: **February 13, 2022**

First date code using the above changes: **2207**

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