BOURNS®

# PRODUCT CHANGE **NOTIFICATION**

**MAGNETICS**

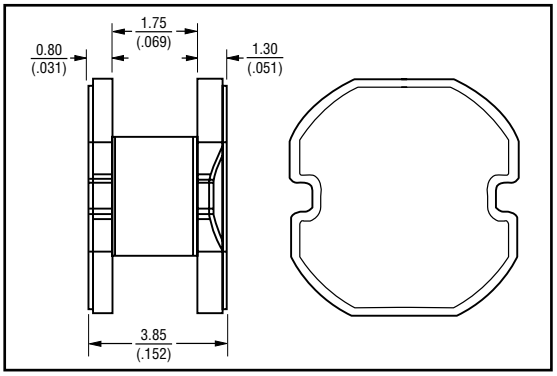

## Bourns® Model SRN8040 Series Semi-shielded Power Inductors

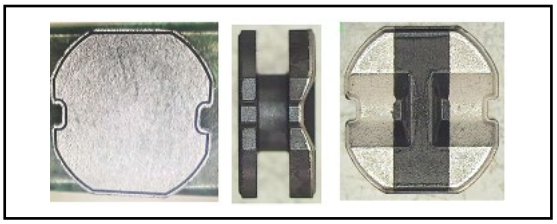
### *Change to Inductor Core Design and Wire Diameter*

*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.

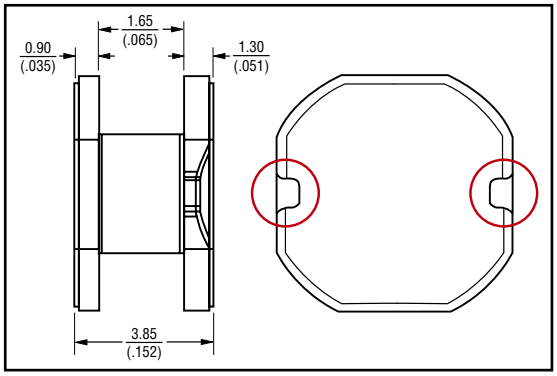
| Affected Part Numbers | | | | | |
|---|---|---|---|---|---|
| SRN8040-100M | SRN8040-1R0Y | SRN8040-2R0Y | SRN8040-3R3Y | SRN8040-4R7Y | SRN8040-8R2Y |
| SRN8040-101M | SRN8040-1R5Y | SRN8040-2R2Y | SRN8040-3R6Y | SRN8040-680M | SRN8040-R50Y |
| SRN8040-150M | SRN8040-220M | SRN8040-330M | SRN8040-470M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

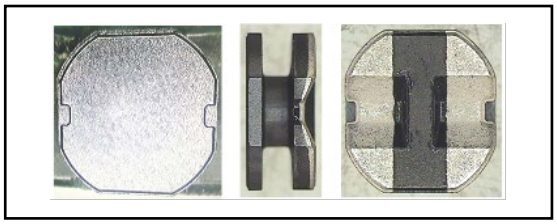
**Existing Inductor Core Design**



**New Inductor Core Design**



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

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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.*