

PRODUCT CHANGE NOTIFICATION

MAGNETICS



Bourns® Model SRN4018 Series Semi-shielded Power Inductors *Design Changes and Additional Sources for Inductor Core and Reel*

Riverside, California – July 18, 2023 – In the spirit of continuous improvement, effective November 15, 2023, Bourns will change the inductor core and reel design for the [Model SRN4018 Semi-shielded Power Inductors](#). The modified inductor core will have a deeper wire groove to strengthen the coplanarity of the solder terminal. The structure of the reel has also been changed from a modular type to an integrated type to provide a more solid structure.

To enhance continuity of supply and provide maximum flexibility to customers, simultaneously with the changes described above, Bourns will begin using an additional supplier for its ferrite cores and an additional supplier for its reels. The additional suppliers have been qualified and are included in the Bourns Authorized Vendor List.

A list of affected part numbers is included below.

| Affected Part Numbers | | | | |
|-----------------------|--------------|--------------|--------------|--------------|
| SRN4018-R82Y | SRN4018-2R2M | SRN4018-6R8M | SRN4018-330M | SRN4018-151M |
| SRN4018-1R0Y | SRN4018-2R7M | SRN4018-100M | SRN4018-470M | SRN4018-221M |
| SRN4018-1R2Y | SRN4018-3R3M | SRN4018-150M | SRN4018-680M | SRN4018-331M |
| SRN4018-1R5Y | SRN4018-4R7M | SRN4018-220M | SRN4018-101M | |

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

IC23029

Figure 1

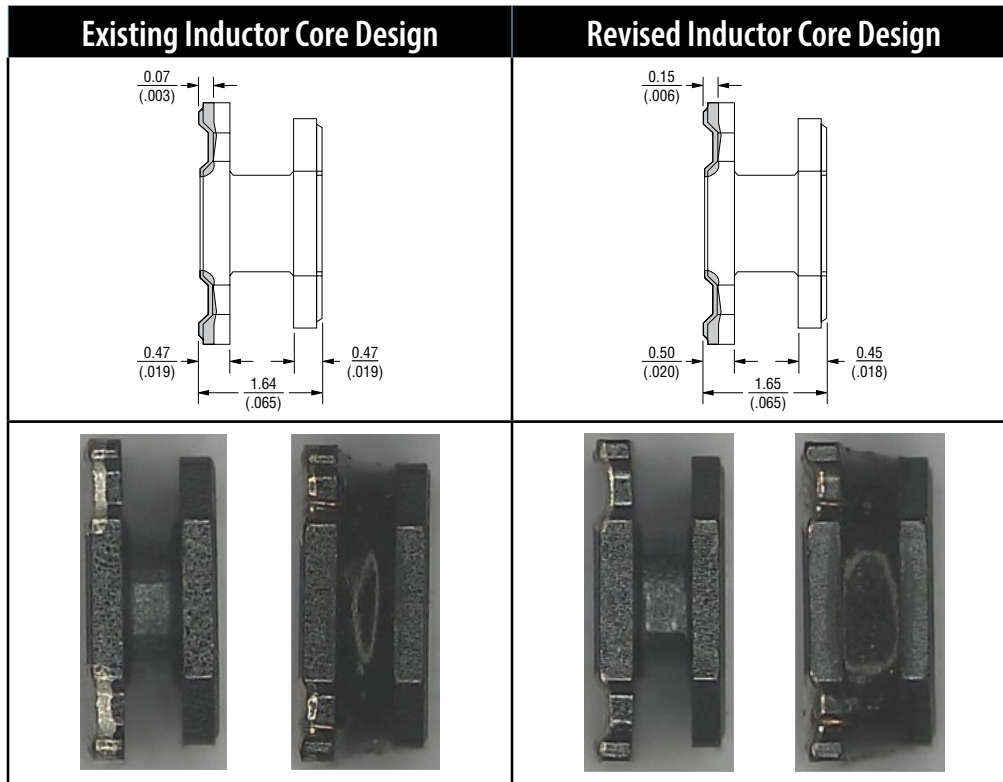
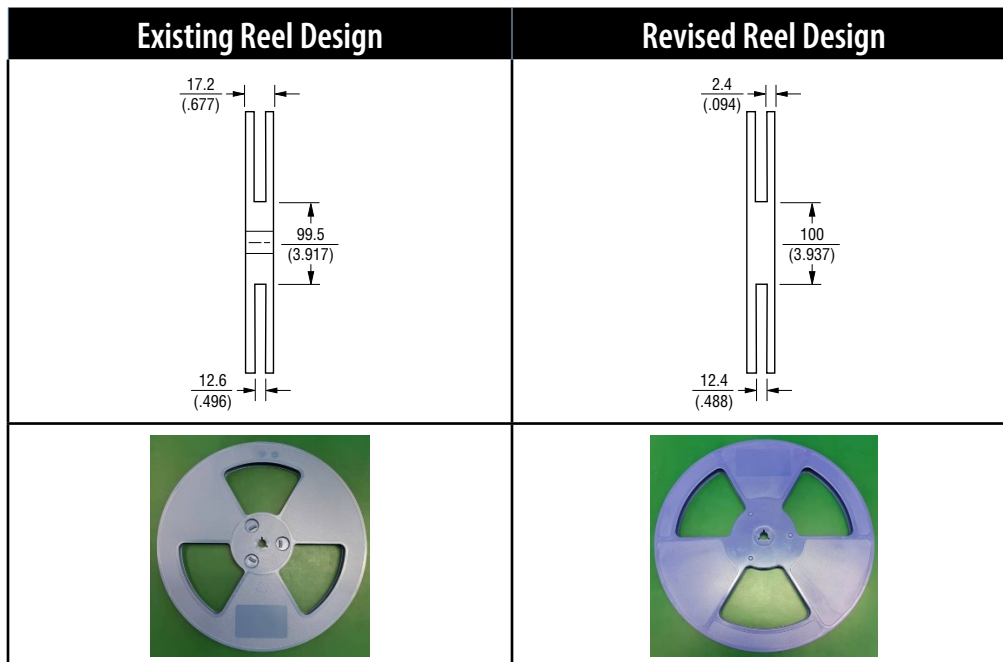


Figure 2



The form and fit of the affected inductors will change slightly due to the inductor design changes described above. The function and specifications of the affected part numbers will remain the same. The quality and reliability of the affected inductors 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 numbers in their specific applications for verification of satisfactory performance.

Implementation dates are as follows:

Date that deliveries of products manufactured using the new design and using cores and reels from both sources will begin:

November 15, 2023

First date code using the above changes: ***2346***

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