

## Bourns® Model SRR7535-471M4V Shielded Power Inductor

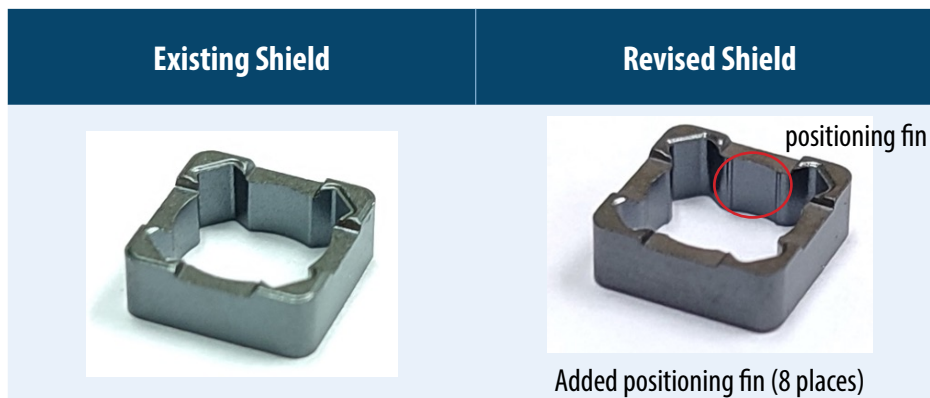
### *Change to Core Material and Shield Design*

Riverside California – July 21, 2022 – As part of our continuous improvement efforts, effective October 16, 2022, Bourns will implement the following changes to the Model SRR7535-471M4V Shielded Power Inductor.

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

Core Material Characteristics	Existing Core	Revised Core
Magnetic permeability	650 ± 25%	600 ± 25%
Saturation Flux Density (mT)	390	300
Curie Temperature (°C)	≥ 180	> 200
Relative loss factor (tanδ/μi)	< 1.8 x 10 <sup>-5</sup>	< 5 x 10 <sup>-5</sup>

2) The Inductor shield design will be changed to include a positioning fin to improve the inductance standard deviation.



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

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The form, fit and function of the affected model will remain the same. The quality and reliability of the affected model 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 in their specific applications for verification of satisfactory performance.

**Implementation dates are as follows:**

Date that manufacturing of the existing product design will cease: ***October 15, 2022***

Date that deliveries of products manufactured with the revised design will begin: ***October 16, 2022***

First date code using the above changes: ***2242***

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