



PRODUCT CHANGE NOTIFICATION

MAGNETICS



Bourns® Model SRR3818A Series Shielded Power Inductors *Change to Terminal Plating Method*

Riverside, California – October 20, 2021 – Effective April 16, 2022, Bourns will change the inductor terminal plating method for the [Model SRR3818A Series Shielded Power Inductors](#). The current plating method, physical vapor deposition (PVD), will be changed to barrel plating. In the PVD plating method, the Fe/Ni/Cu coating is processed in one procedure. The thickness of the metal layer is unidentifiable during QA inspection. In the barrel plating method, the Ag/Ni/Sn coating is processed separately. The thickness of each metal layer is identifiable during QA inspection. A list of affected part numbers is included below.

Affected Part Numbers		
SRR3818A-100M	SRR3818A-220M	SRR3818A-3R9Y
SRR3818A-101M	SRR3818A-2R2Y	SRR3818A-470M
SRR3818A-150M	SRR3818A-2R7Y	SRR3818A-4R7Y
SRR3818A-1R0Y	SRR3818A-330M	SRR3818A-680M
SRR3818A-1R5Y	SRR3818A-3R3Y	SRR3818A-6R8Y

The form, fit and function of the inductor remains the same. The quality and reliability of the inductor should be improved due to the change in the terminal plating method.

Samples of inductors made with the new terminal plating method are available upon request.

Implementation dates are as follows:

Date that products with the existing design will cease: **April 16, 2022**

Date that deliveries of products with the new design will begin: **April 17, 2022**

First date code using the above changes: **2216**

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

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

IC219938