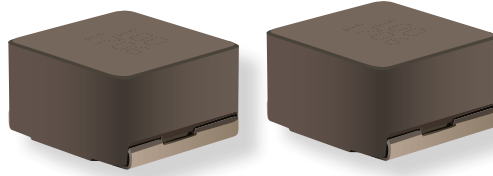


Product Change Notification

INDUCTIVE COMPONENTS



September 1, 2018

Bourns® Model SRP2313AA Series Shielded Power Inductors - Change to Terminal Finish Plating and Soldering Reflow Profile

Bourns is changing the [Model SRP2313AA Series](#) terminal plating process from bright tin to matte tin. The current bright tin finish may result in solder lumps at the terminal surface (see Figure 1) in some circumstances if the soldering reflow process peak temperature is higher than 250 °C. This appearance has been determined to be a cosmetic issue.



Figure 1

To resolve this issue, Bourns is changing the SRP2313AA Series terminal plating process and the recommended soldering reflow profile, as highlighted below.

SRP2313AA Series	Current	Revised
Terminal Finish	Bright tin	Matte tin
Tin Plating Thickness	300 – 500 µm	200 – 300 µm
Soldering Reflow Profile	<p>Peak temperature: 260 °C</p>	<p>Peak temperature: 245 °C</p>

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

IC1852

The revised plating terminal surface did not exhibit solder lumps after the sample inductor underwent a 245 °C peak soldering reflow profile (See Figure 2).

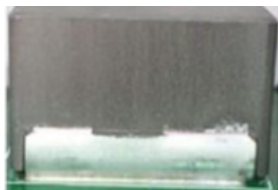


Figure 2

The terminal plating process change will affect the inductor's form. The fit and function of the inductor will remain unchanged. The quality and reliability of the inductor should be improved.

A list of the affected part numbers is shown in Table 1.

Affected Part Numbers		
SRP2313AA-100M	SRP2313AA-230M	SRP2313AA-4R7M
SRP2313AA-101M	SRP2313AA-2R2M	SRP2313AA-680M
SRP2313AA-1R0M	SRP2313AA-330M	SRP2313AA-6R8M
SRP2313AA-1R5M	SRP2313AA-3R3M	
SRP2313AA-220M	SRP2313AA-470M	

Table 1

Implementation dates are as follows:

*Date that manufacturing of existing terminal finish will cease: **September 15, 2018***

*Date that deliveries of revised terminal finish will begin: **September 16, 2018***

*First date code using the above changes: **1838***

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