



## Non-Shielded Power Inductor Manufacturing Process Change

### *Model SDR0604-220YL and SDR0604-470KL*

Riverside, California – October 15, 2020 – Effective December 26, 2020, Bourns will change several manufacturing processes from manual or semi-automated to automated for the Model [SDR0604-220YL](#) and [SDR0604-470KL](#) Non-Shielded Power Inductor series. These changes should improve the product quality and reliability while at the same time increasing Bourns' productivity in the manufacture of the inductors.

Existing Manufacturing Process	Revised Manufacturing Process
<ol style="list-style-type: none"> <li>1. Manual winding</li> <li>2. Semi-automated soldering</li> <li>3. Manual testing, semi-automated laser marking and manual taping (three separate processes)</li> </ol>	<ol style="list-style-type: none"> <li>1. Automated winding</li> <li>2. Automated soldering</li> <li>3. Automated testing, laser marking and taping (combined into one process)</li> </ol>

As a result of the winding process change, the form of the inductor will be changed as described below.

Existing Winding Process	Revised Winding Process
Start and finish wire leads exist near bottom of inductor	Start and finish wire leads exist near top of inductor

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

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The fit and function of these inductors will not be changed. The quality and reliability of the power inductors should be improved as the result of the automation of the manufacturing process.

Implementation dates are as follows:

Date that manufacturing of existing products will cease: **December 26, 2020**

Date that deliveries of modified products will begin: **December 27, 2020**

First date code using the above changes: **2053**

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