

Product Change Notification

INDUCTIVE COMPONENTS

Bourns Manufacturers Representatives
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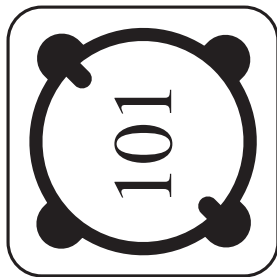


August, 2011

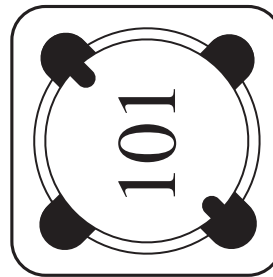
Shielded Power Inductor Models SRR1260, SRR1280, SRR1210, PM125SH and PM127SH Epoxy Application Change

Effective September 1, 2011, Bourns will implement an automated epoxy-dispensing process. The amount of epoxy applied between the inductor core and the shield will be reduced on Models [SRR1260](#), [SRR1280](#), [SRR1210](#), [PM125SH](#) and [PM127SH](#). Implementation for the Model SRR1240 was already completed in July, 2010.

Currently, the inductor core and shield are joined together with epoxy manually applied completely around the core (Fig. 1). The automated epoxy-dispensing process will apply four spots of epoxy to bond the components (Fig. 2). The main advantage of the change in application method is that there will be less epoxy between the core and shield which creates free space for material thermal expansion during the reflow soldering process. This can reduce the risk of component breakage as well as provide an increased productivity rate.



Epoxy:
Shaded Area Around Core
Fig. 1



Epoxy:
Shaded Area Four-Spot
Fig. 2

Reliability testing has been performed on inductors assembled with a reduced amount of epoxy. All inductor samples have successfully passed each subjected test.

Please feel free to contact [Customer Service](#) with any questions you may have regarding this product change notification, or if you would like to obtain samples of parts produced with the new process for your own internal testing.