

# Product Change Notification

## INDUCTIVE COMPONENTS

Bourns Manufacturers Representatives  
Corporate Distributor Product Managers  
Americas Sales Team  
Asia Sales Team  
Europe Sales Team  
Bourns Internal  
Bourns Plant Managers

June, 2010



### **Non-shielded Power Inductor Model PM3316 and Shielded Power Inductor Model PM3316S Mounting Base Material Change**

Effective with manufacturing date code 1021 and later, the mounting base material Liquid Crystal Polymer (LCP) used on Bourns® power inductor models [PM3316](#) and [PM3316S](#) has been changed to Diallyl Phthalate (DAP).

Recently, Bourns discovered deformation of the LCP mounting base on a few PM3316 and PM3316S models after a normal IR reflow soldering process. As a result, Bourns has implemented a change to use DAP which has better thermal stability and strength than LCP under both IR reflow and normal operation environments.

Reliability tests performed on inductors assembled with DAP mounting bases revealed the components' mechanical structure remained unchanged. The implementation of the new mounting base material does not affect the inductors' electrical characteristics or their mechanical integrity.