

## ENGINEERING KITS: AUTOMOTIVE GRADE MOLDED INDUCTORS

- **PA4340ANLKIT**
- **PA4341ANLKIT**
- **PA4342ANLKIT**
- **PA4343ANLKIT**
- **PA4344ANLKIT**
- **PA4346ANLKIT**
- **PA4349ANLKIT**



### **KIT Description**

The new PA434X“A” series is a higher operating temperature version of our molded inductor family. Designed for application temperatures from -55 to +155C these TS16949 certified inductors are ideally suited for many of today’s sensitive Automotive applications. These new series is available for multiple cross reference sizes, and free samples available through our web portal.



### **Additional Information**

The Molded powder inductors feature an iron powder core material that directly mold to the copper wire. This provides an optimal solution for designs that require high frequencies and high current with low DC resistance. These inductors have high EMI performance. And the reason for that, is the copper turns that are completely surrounded by magnetic material. This controls the flux in the package, eliminating the noise, and keeping the magnetic flux from straying outside the inductor. The Pulse “A” series inductor family is ideal for high current, non-isolated DC/DC converters and voltage regulators. The addition of the TS16949 certification allows these parts to be used in automotive applications where higher operating temp and reliability are required.



### **Datasheets**

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