

## ENGINEERING KITS: INDUSTRIAL GRADE MOLDED INDUCTORS

- PA4340NLKIT      ▪ PA4343NLKIT      ▪ PA4546NLKIT
- PA4341NLKIT      ▪ PA4344NLKIT      ▪ PA4547NLKIT
- PA4342NLKIT      ▪ PA4345NLKIT      ▪ PA4548NLKIT



### KIT Description

The PA434X series and PA4546/47/48 series of molded inductors are an ideal addition to our popular line-up of SMT inductors. These new smaller form factor parts are ideally suited for commercial or industrial applications with tight spaces where high energy storage density and low profile are still needed.



### 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 molded inductor series is ideal for high current, non-isolated DC/DC converters and voltage regulators. The addition of the AEC-Q200 qualification now allows these parts to be used in a variety of industrial applications.



### Datasheets

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