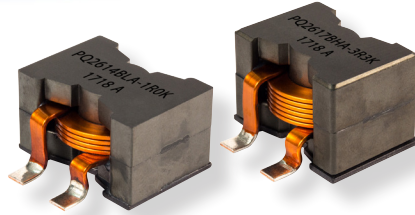


New Product Release

INDUCTIVE COMPONENTS



Bourns Releases Automotive Grade High Current Shielded Power Inductor Series

Model PQ2614BLA, PQ2614BHA & PQ2617BHA

Riverside, California - October 5, 2017 - Bourns Inductive Components Product Line is introducing the Model [PQ2614BLA](#), [PQ2614BHA](#) and [PQ2617BHA](#) High Current Shielded Power Inductor Series. These models are characterized as low winding resistance and high saturation current for over 100 A.

These power inductor series are wound with flat wire that offers exceedingly low DC resistance and AC resistance, as well. Combined with the low core loss nature of ferrite core construction, these inductors feature low power dissipation which can boost the overall efficiency of your DC/DC converters. The inductor is mounted on a plastic base designed with an extra solder pad for increased mechanical stability. Operating temperature ranges from -40 to +155 °C.

The Model PQ2614BHA, PQ2614BLA and PQ2617BHA Series are AEC-Q200 qualified making them ideal for automotive power conversion applications. They are also well suited for DC/DC converters, power supplies, filtering applications in consumer, industrial, medical and communication electronics.

Model	Component Size	Inductance	DCR (mΩ) Typ.	Heating Current	Saturation Current
PQ2614BLA	28 x 28 x 16 mm	1 - 33 μH	1.29	30 A	3.3 – over 100 A
PQ2614BHA	28 x 28 x 16 mm	2.2 - 33 μH	1.62	30 A	5.9 – over 100 A
PQ2617BHA	28 x 28 x 19 mm	3.3 - 33 μH	2.16	28 A	9.6 – 93.6 A

Please visit Bourns website at www.bourns.com for additional product details and contact [Bourns Customer Service](#) if you have any questions.

Features

- Magnetically shielded
- Flat wirewound
- Low DCR
- High saturation current
- Extra solder pad for increased mechanical stability
- AEC-Q200 qualified
- RoHS compliant* and halogen free**

Applications

- Automotive - power conversion
- DC/DC converters
- Switch-mode power supplies
- High current Point-of-Load

* RoHS Directive 2015/863, Mar 31, 2015 and Annex.

**Bourns considers a product to be "halogen free" if (a) the Bromine (Br) content is 900 ppm or less; (b) the Chlorine (Cl) content is 900 ppm or less; and (c) the total Bromine (Br) and Chlorine (Cl) content is 1500 ppm or less.