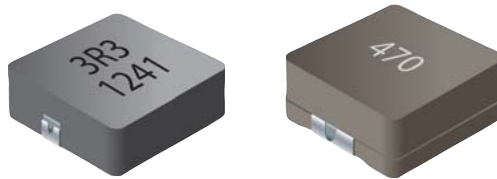


Featured Products Bulletin

INDUCTIVE COMPONENTS



Bourns Releases New High Current, Shielded Power Inductor Models SRP5030T and SRP6540

Riverside, California - March 18, 2013 - Bourns Inductive Components Product Line introduces two additional series of High Current, Shielded Power Inductors - Models [SRP5030T](#) and [SRP6540](#). Bourns now offers a total of sixteen SRP models.

The Model SRP5030T and SRP6540 Shielded Power Inductor Series are designed with molded construction of an iron powder core that offers a compact size, low DC resistance, high current carrying capability and magnetically shielded features. These inductors are ideal for use in DC/DC converters for mobile electronic devices, computers, data storages and voltage regulator modules. The low DC resistance feature makes them especially attractive for mobile electronic device applications with prolonged battery life where low power dissipation is essential. The magnetically shielded construction of the SRP Series has low radiation that is ideal for high density board assembly.

The Bourns® Model SRP5030T Series offers a 5.7 x 5.2 mm footprint in a 2.8 mm height with an inductance range of 0.33 – 10 μ H, heat rating current up to 14 A, and saturation current up to 18 A. The operating temperature range is from -40 to +125 °C.

The Bourns® Model SRP6540 Series offers a 7.2 x 6.5 mm footprint in a 4 mm height, an inductance range of 0.56 – 47 μ H with both heat rating and saturation current up to 18 A. The operating temperature range is from -55 to +125 °C.

Features

- Shielded construction
- Iron powder core
- High saturation current
- Inductance range:
 - 0.33 to 10 μ H (SRP5030T)
 - 0.56 to 47 μ H (SRP6540)
- Rated current:
 - up to 14 A (SRP5030T)
 - up to 18 A (SRP6540)
- RoHS compliant* and halogen free**

Applications

- DC/DC converters
- Power supplies for:
 - Portable communications equipment
 - Laptop computers
 - Camcorders, HDTVs, car audio systems
 - Video game consoles

Minimum order quantities are 2000 pcs./reel for Model SRP5030T and 1200 pcs./reel for Model SRP6540. Samples are available upon request.

Should you have any questions or need additional information, please contact [Customer Service/Inside Sales](#).

* RoHS Directive 2002/95/EC Jan 27 2003 including Annex and RoHS Recast 2011/65/EU June 8, 2011.

** Bourns follows the prevailing definition of "halogen free" in the industry. 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.