

Products & Technologies



Inductors

June 2008

Smallest SMD series for high currents

EPCOS has developed the world's most compact low profile power inductor series, featuring an insertion height of only 1.0 mm and a footprint of 2.0 x 2.0 mm². The B82466G0* series covers inductance range from 0.5 to 22 µH and a saturation current of up to 1.6 A. The B82467G0* and B82469G1* series, which measure in at 2.6 x 2.8 x 1.0 mm³ and 3.8 x 3.6 x 1.2 mm³, respectively, are available with saturation currents of up to 3.0 A. They are

designed for maximum operating temperatures of up to 125 °C. The components are magnetically shielded and RoHS-compatible.

Among other things these inductors can be used as storage and smoothing chokes for compact DC/DC converters in mobile electronic devices.