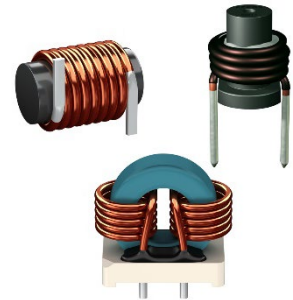


September 27, 2019

Products

Extended range of EPCOS power line chokes

The range of EPCOS power line chokes has been extended to include six new types. The new components are available in three different core shapes with different rated currents and inductance values, delivering great design flexibility. The B82116B* rod core chokes cover rated currents of 10 A, 21 A and 25 A and offer inductance values of 1.8 μ H, 3.3 μ H and 3.4 μ H. Both B82116S* mushroom core chokes feature a current capability of 25 A and are available with inductances of 2.9 μ H and 3.1 μ H. The new range is completed with a ring core choke (B82622S*) with two windings, which is designed for a current of 30 A and has an inductance of 2.1 μ H.



Depending on the type, the maximum permissible operating temperatures are between 85 °C and 140 °C. The RoHS-compatible chokes use class 200 insulated wire and are UL-listed in accordance with EN 60317-13. All components are qualified to AEC-Q200.

The main applications for the new chokes include industrial and automotive motors and motor controllers.

Ordering code	Core shape	Max. rated current [A]	Inductance [μ H]	Resistance [m Ω]	Max. rated temperature [°C]
B82116B1224A010	Rod	21	1.8	1.4	125
B82116B2625A010	Rod	10	3.3	3.7	115
B82116B2828A010	Rod	25	3.4	2.6	110
B82116S1221L026	Mushroom	25	3.1	1.8	140
B82116S1221L127	Mushroom	25	2.9	1.8	140
B82622S0173L030	Ring	30	2.1	2.45	85

You can find further information on the products at www.tdk-electronics.tdk.com/en/power_chokes

Contact Harald Sorger, MAG TF T PM, Munich

Customers are asked to address inquiries directly to their sales contacts.

TDK Electronics AG

Rosenheimer Strasse 141 e, 81671 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany
 Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250
 Chairman of the Supervisory Board: Dr. Werner Faber
 Management Board: Joachim Zichlarz, Chairman · Joachim Thiele · Dr. Werner Lohwasser
www.tdk-electronics.tdk.com

Inductors

Internal / External

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