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Product news

Portfolio of 2220 SMT inductors extended

The portfolio of EPCOS SMT inductors in case size 2220 (EIA) has significantly been extended. The new SIMID 2220-T series covers inductance values in the range from 1.0 μH to 10 000 μH (E12 series). The new components feature a current capability of between 46 mA and 3510 mA. They have DC resistances of between 25 m Ω and 112 Ω .



The new inductors of the B82442T* series are qualified to AEC-Q200 and are suitable for a temperature range from -55 °C to 150 °C. They are also RoHS-compatible and reflow-solderable to the JEDEC J-STD 020 standard.

The new inductors feature a high current capability and can be used in numerous applications. Thanks to their LCP (liquid crystal polymer) molding the components are very robust and able to withstand extreme thermal and mechanical stresses. They are well suited for the filtering, coupling and decoupling of supply voltages, as well as for use as storage chokes in DC-DC converters.

Key data

Series	Dimensions [mm]	Inductance [μH]	Rated current [mA]	DC resistance [Ω]
B82442T	5.6 x 5.0 x 5.0	1 to 10 000	46 to 3510	0.025 to 112

The data sheets may be downloaded under www.epcos.com/smt_inductors.

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