Power inductors offer wide current range, low DC resistance

AVX Corporation has expanded its line of thin film, multi-layer organic (MLO), and broadband wire-wound conical inductors to include a new series of shielded and non-shielded SMD power inductors. Designated the Lmax series, these inductors feature a wide inductance range, low DC resistance, and the high current values necessary for industrial applications. The new, RoHS-compliant inductor series is suited for a broad range of consumer and industrial power applications, including test and measurement and industrial process control. They are also specified for use in DC/DC converters, switching regulated power supplies, mobile phones, and computers, as well as other peripheral and telecommunications equipment.

“Developed in response to customer requests for inductors with an even broader current range, the Lmax series inductors significantly expand the types of applications into which customers can integrate our technology,” said Gregg Elliott, product manager at AVX. “Our new Lmax series also provides design engineers with greater flexibility when designing both fixed and portable devices.”

Lmax Series power inductors are currently in production, and samples are available by request.

For more information about AVX’s Lmax Series power inductors, please visit www.avx.com [1], call 864-967-9427, or write to One AVX Boulevard, Fountain Inn, S.C. 29644.

Source URL (retrieved on *03/09/2014 - 8:31am*):
http://www.ecnmag.com/products/2012/06/power-inductors-offer-wide-current-range-low-dc-resistance

Links:
[1] http://www.avx.com