Over 150 New Series of SMD Power Inductors

Signal Transformer announced the addition of over 150 series of SMD wire wound inductors to complement their offerings of standard and custom power transformers and high frequency magnetics. The new RoHS- compliant and PB-free series provide OEMs/ODMs with cost-effective solutions to an array of space-constrained applications requiring a wide range of inductance and high current. Available in low-profile versions, inductors exceed industry standards for thermal shock resistance, moisture, and shock/vibration. Further, these inductors are designed with high efficiency in mind, and they demonstrate low DC resistance and high saturation current. To optimize design flexibility, a wide range of inductances can be chosen by selecting parts from different series while maintaining the same footprint.

Consisting of 2,700 standard part numbers, the shielded and unshielded devices in Signal Transformer's SMD inductor portfolio are ideally suited for a broad range of consumer and industrial power applications including test and measurement, automotive electronics, and industrial process control. Parts are commonly specified for use in DC/DC converters, switching regulated power supplies, telecommunications equipment, mobile phones, pagers, computers, printers and other peripherals. They are also frequently employed in audio & video applications, and in such LC resonant circuits as oscillator and signal generators. The inductors are extensively utilized in impedance matching, circuit isolation, and RF filters.

Technical specifications for Signal Transformer's single- and dual-winding SMD inductor series include inductance from 0.01 µH to 10 mH and, current ratings from 4 mA to 70 A, DC resistance ranges from 2 m? to 140 ?. Heights range from 1 to 12.3 mm. To learn more about Signal Transformer's new SMD inductors, download http://www.signaltransformer.com/sites/all/pdf/smd/Signal%20SMD%20Inductors%20At-A-Glance.pdf [1], or visit http://www.signaltransformer.com/ [2]. Signal Transformer can also provide assistance with custom requirements.

Samples are available from stock, while lead-time for production quantities is 4 to 6 weeks.

Posted by Janine E. Mooney, Editor

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