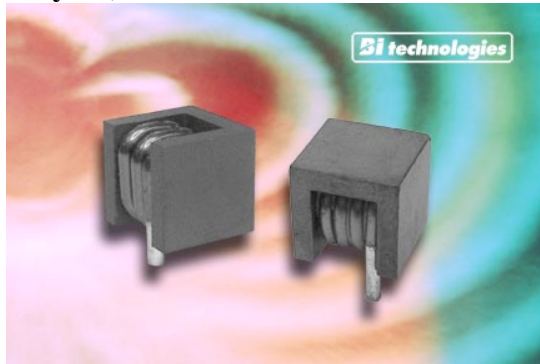


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High-current, low-loss power inductor operates at frequencies to 1MHz...

BI TECHNOLOGIES' FERRITE CUBE INDUCTOR DEPLOYED IN COMPUTER POWER APPLICATIONS

LAS VEGAS, NV (May 12, 2009) — Providing design engineers with a robust, cost-effective through-hole device that requires minimal board space, TT electronics BI Technologies has extended its family of high-current, low-loss power inductors. The new HM58 Series inductor features a heavy-gauge coil wire and exhibits a saturation current rating up to 60A at frequencies to 1MHz, making it ideal for motherboard and computer power applications.

“We’ve seen an increased demand for an inductor that delivers high-performance operating specifications but requires minimal PC board space,” said Donna Schaefer, application engineering manager for BI Technologies. “With its through-hole configuration and three open sides, the inductor requires a footprint of only 11mm x 11.5mm. As such, we are seeing the inductor used in a number of voltage regulator applications where board space is constrained.

- more -

BI's FERRITE CUBE INDUCTOR DEPLOYED IN COMPUTER POWER APPLICATIONS, PG. 2

The RoHS-compliant HM58 Series high current cube inductor features inductance values from 0.36 μ H to 1.30 μ H, depending on device. DCR ratings are from 0.65m Ω to 1.05m Ω , with tolerances to $\pm 5\%$. Operating temperature range is from -40°C to +125°C. The inductor is available in standard tray packaging. BI Technologies will also produce devices outside these specifications to meet customer requirements.

Typical pricing for the HM58 Series inductor is approximately \$0.39 each in quantities of 10K pieces.

For more information about the HM58 Series inductor, contact BI Technologies at sales@bitechnologies.com; by phone at 714-447-2759, by fax at 714-447-2400; by mail at 4200 Bonita Place, Fullerton, CA 92835; or visit <http://www.bitechnologies.com/products/index.htm>.

BI Technologies has been an innovator and leader in electronic components for more than 50 years. The company is a global manufacturer of trimming and precision potentiometers, position sensors, turns-counting dials, chip resistor arrays, resistor networks, integrated passive networks, transformers, inductors, hybrid microelectronics and custom integration products for communication, computer, industrial, and automotive applications.

BI Technologies serves a global customer base with manufacturing locations in the United States, Mexico, Scotland, Japan, China and Malaysia.

TT electronics plc is a global electronics company manufacturing a broad range of advanced electronic components, assemblies and sensor modules for the automotive, industrial, telecommunication, computer and aerospace markets.

To request the electronic image, call 919-872-8172, or e-mail: beth.gaddy@btbmarketing.com

Keywords: TT electronics, BI Technologies, HM58, inductor, power

URL: http://www.bitechnologies.com/products/magnetics_list.htm