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Low loss composite ferrite features 60A saturation current...

BI TECHNOLOGIES DEVELOPS HIGH CURRENT CUBE INDUCTOR FOR HIGH FREQUENCY APPLICATIONS

ANAHEIM, CA (February 26, 2007) — Providing design engineers with a robust, high frequency inductive device, TT electronics BI Technologies Magnetic Components Division has developed a high current cube inductor. Designated the HM56 Series, the inductor's low-loss, composite ferrite material has characteristics suitable for high frequency applications.

“The HM56 Series inductor is a robust device that features a thick coil, rated saturation current up to 60A, and is capable of operating at frequencies up to 1MHz,” said David Smolik, Director of Product Development for BI Technologies Magnetic Components Division. “The design of this composite ferrite inductor makes it ideal for high frequency and industrial applications.”

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BI DEVELOPS HIGH CURRENT CUBE INDUCTOR FOR HIGH FREQUENCY APPS, PG. 2

The HM56 Series high current cube inductor features inductance values from 0.22 μ H to 2.00 μ H, with DCRs from 0.60m Ω to 2.05m Ω . Operating temperature range is -40°C to +125°C. BI Technologies will also produce devices outside these specifications to meet customer requirements.

The HM56 inductors are available in standard tray packaging.

Typical pricing for the HM56 Series inductor is approximately \$0.40 to \$0.60 depending on volume, with delivery from stock to 10 weeks.

For more information about the HM56 high current cube 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 www.bitechnologies.com.

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.

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To request the electronic image, call +1-919-872-8172, or e-mail: bgaddy@btbmarketing.com

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