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For Immediate Release

Gigabit Discrete Magnetic Components with Extended Operating Temperatures from Pulse

***Guarantees compliance to Gigabit Ethernet Standard IEEE 802.3ab, temperature range of -40
to +85 degrees Celsius***

San Diego, Calif. – March 26, 2004 –Pulse, a Technitrol (NYSE: TNL) Company, announces the introduction of the HX5 series of extended temperature gigabit discrete magnetic components. These components are the first discrete gigabit parts with an operating temperature range of -40 to +85 degrees Celsius available as standard products, in compliance with gigabit Ethernet standard IEEE 802.3i/u/ab. The HX5020 has the smallest footprint (27.94mm x 10.92mm) of any extended temperature discrete gigabit component on the market today.

The HX5 series is designed for long-haul gigabit Ethernet (10/100/1000Base-T) applications. Primary uses include outdoor environments such as remote cellular base-stations, telecommunications equipment, switch servers, aerospace, and automotive applications. The HX5008 fits directly behind a 1x1 RJ45 connector for maximum space saving on a printed circuit board. HX5012, HX5014, and HX5020 are gigabit designs for dual port high density packet-switch applications. The HX5020, with its compact footprint solution, is targeted for applications such as cellular and TETRA (Terrestrial Trunked Radio) base-station equipment. The cable interface provides isolation and low common mode emissions.

The standard gigabit parts that Pulse offers are the single port H5004, H5007, H5008, and H5009 and the H5012, H5014, and H5020 dual port components that have an operating temperature range between 0 and +70 degrees Celsius. The HX5004 and HX5008 single port components and the HX5014 and HX5020 dual port components have an operational range of -40 to +85 degrees C.

In addition to IEEE 802.3ab (1000Base-T) compliance, the extended temperature, HX5 series also complies with IEEE 802.3u (10/100Base-TX), IEEE 802.3i (10Base-T), and ANSI X3.263 standards.

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The parts in this series are available in tube or tape and reel packaging, with prices averaging \$3.80 per port for quantities of 10,000 units. Individual part pricing may vary due to configuration and shipping destination. Contact Pulse directly for volume pricing and samples. Detailed specifications are available on data sheet HC500.A (<http://www.pulseeng.com/pdf/HC500.pdf>) on the Pulse Web site.

About Pulse

Headquartered in San Diego, California, Pulse, a Technitrol (NYSE: TNL) Company, is one of the largest magnetic component manufacturers in the world. Pulse primarily serves OEMs in the data networking, telecommunications, high-speed Internet access, power conversion, military/aerospace, and consumer electronics industries. Recognized as experts in interference (noise) reduction, miniaturization, power management, and signal conversion, Pulse offers an extensive line of custom and standard passive magnetic solutions for OEMs in commercial as well as consumer industries. An ISO 9000 registered manufacturer, Pulse is fully engaged in joint development programs with key customers to ensure they receive high-performance, high-quality, and high-reliability products at competitive prices. Pulse is a member of and actively participates in IEEE, ANSI, T1/E1, and the DSL Forum.

In North America, contact Pulse's worldwide headquarters in the United States at 858-674-8100. The Pulse European offices are located in the United Kingdom and may be reached at +44-1483-401700, and its Asian offices in Singapore can be reached at +65-6287-8998. For more information, visit the Pulse website at www.pulseeng.com.

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