

## **New Isolation Transformers for SHDSL and HDSL4 Reduce Leakage Inductance by 66%; Expand Carrier Serving Area (CSA)**

**Lake Forest, Calif.—May 24, 2001—** Premier Magnetics expands its line of DSL magnetic components with the addition of its new isolation transformers for Single-Pair High Speed Digital Subscriber Line (SHDSL) and Four-Wire High Speed Digital Subscriber Line (HDSL4) technologies. Given the high turns ratio configuration requirements of the SHDSL and HDSL4 technologies (5.4 to 1), Premier's new transformers provide extremely low leakage inductance of 10  $\mu$ H compared to the industry average of 30  $\mu$ H. This low leakage inductance benefits DSL service providers by allowing their Carrier Serving Areas (CSA) to extend further and reach more subscribers.

<b>Price:</b>	U.S.\$1.07 in OEM quantity
<b>Availability:</b>	now
<b>Delivery:</b>	stock to 8 weeks

Premier Magnetics ([www.premiermag.com](http://www.premiermag.com)), incorporated in 1991, is a leading manufacturer of telecom magnetics, power conversion magnetics and DC-DC converters. Premier provides quality products to the communication, computer, industrial and medical industries, as well as various government and military agencies around the world.

Premier's DSL magnetics feature small sizes, excellent balances, low distortion, and extended temp ranges, and a minimum isolation voltage of 1500 Vrms. They are designed to support a range of leading semiconductors, including chips from Alcatel, Globespan, Conexant, Lucent and Level One. Surface mount versions are also available.

Premier offers the highest quality products and shortest cycle times at the most competitive cost in the industry. Sales and distribution offices are worldwide, with manufacturing locations in Southern California, Taiwan, and Mainland China.

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