



news release

FOR IMMEDIATE RELEASE

Premier Magnetics Introduces Single-In-Line-Package, High-Efficiency DC-DC Converters for Distributed Power Applications

Two new series added to the PDCS family of devices provide complete circuit without external components; available in 3-pin (non-isolated) in a range of power outputs and 4-pin 0.25W (isolated/unregulated) configurations

Lake Forest, Calif.—September 3, 2015—[Premier Magnetics](#), global producer of high-quality magnetic components for switch-mode power supplies, DC-DC converters and data communications applications, announces additions to its PDCS family of self-contained, single-in-line package (SIP) DC-DC converters for distributed power applications. These compact, low-profile, power conversion devices are fully integrated and require no external components. Applications for the PDCS family include telecommunications, industrial, data acquisition systems, transportation, solar energy, medical, embedded systems, and wherever efficient distributed power is required.

The additions to the PDCS product family include two three-pin series. The first is the [PDCS01x series](#), which contains nine models featuring regulated power outputs from 0.75 to 15 watts. They also offer nominal input ranges of 12Vdc and 24Vdc, outputs ranging from 1.5V to 15VDC and all with a maximum output current of 500mA. Also being introduced is the three-pin [PDCS04x series](#) that includes 10 devices offering a similar range of input and output voltages as the PDC01x series, but with a maximum output current of 1000mA.

The [new four-pin series](#) added to the PDCS family contains 49 models of 0.25W-rated devices featuring 1000Vdc isolation and with input voltages from 1.8 to 24Vdc. For each input voltage, the devices are offered with an unregulated output voltage ($\pm 10\%$) ranging from 1.8 to 24Vdc.

“High density and increased functionality is pushing the demand for more distributed power,” said Jim Earley, president of Premier Magnetics. “In response to high-performance, power supply market requirements we have added dual-in-line-package devices to our PDCS family of high-efficiency DC/DC converter modules. The new products are based on switching power technology and offer excellent conversion efficiency while also meeting new green energy requirements.”

Price: PDCS01x series (3-pin) – \$2.50 in OEM quantities
 PDCS04x series (3-pin) – \$2.75 in OEM quantities
 PDCSxxx series (4-pin) – \$2.80 in OEM quantities

Availability: Samples in stock for immediate delivery

Delivery: 8 weeks, ARO for OEM quantities

About Premier Magnetics

Incorporated in 1991, Premier Magnetics (www.premiermag.com) is a leading, multinational company producing and marketing a broad range of magnetics components, including telecom magnetics, power conversion magnetics and DC/DC converters. Committed to providing the highest quality products and shortest cycle times at the most competitive cost in the industry, Premier provides products to the communications, computer, industrial and medical industries, as well as various government and military agencies around the world. Sales and distribution offices are worldwide, with manufacturing locations in Southern California, Taiwan and China.

For Further Information, Editors Contact:

Dennis Earley, Sales Manager
Premier Magnetics
20381 Barents Sea Circle
Lake Forest, CA 92630
(949) 452-0511 • Fax: (949) 452-0512
email: dennis_e@premiermag.com

Greg Evans, CEO
WelComm, Inc.
7975 Raytheon Rd, Ste 340
San Diego, CA 92111
(858) 633-1911
email: greg@welcomm.com