

****FOR IMMEDIATE RELEASE****

Premier Magnetics Introduces Line of Frequency-Optimized Planar Transformers

Up to 250W rated transformers are optimized for 200-700 KHz switching applications



Lake Forest, CA—March 21, 2019—[Premier Magnetics](#), global producer of high-quality magnetic components, announces its PM-[PTxxx Series](#) of frequency-optimized planar transformers. The new line, offering models with ratings to 250W, are designed for forward converter, full/half bridge and active clamp applications utilizing switching frequencies between 200 KHz and 700 KHz. Proprietary layout techniques for the circuit board windings result in optimization of transformer impedance and interwinding capacitance effects in the desired operating frequency range.

The PT Series devices all provide excellent isolation (up to 2250 VDC), operate over a wide temperature range (-40C to +125C), demonstrate excellent efficiency (up to 99%), and provide exceptional heat dissipation (due to their planar construction vs. classic wire-wound transformers).

[\[Click image to download high-res JPEG\]](#)

“Customer demand was the driving force in the development of these planar transformers,” said Dennis Earley, Premier Magnetics’ General Manager. “Our designs are optimized to meet their requirements for higher power density, higher-efficiency power conversion in switch mode power supplies and in electric vehicle, industrial, aerospace and solar applications. The addition of planar transformers fills a market void and makes the PM Power Product line one of the most complete in the industry.”

Price: \$1.60 - \$3.25 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 focused on the design and manufacturing of a broad range of magnetics components, including power conversion magnetics, data bus transformers, and LAN magnetics. Committed to providing the highest quality products and shortest lead times at the most competitive cost in the industry, Premier provides products to the aerospace, 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, VP/General 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.
13223-1 Black Mountain Road, Ste 434
San Diego, CA 92129
(858) 633-1911
email: greg@welcomm.com