



Premier Magnetics Inc.

"INNOVATORS IN MAGNETICS TECHNOLOGY"

Highlights

- New UL/C-UL (CSA) Recognition's
- Recognized Product Price Reduction
- Premier "SUPPLIER AWARD"

New Products

- Now Available - IEC 3KV LAN/COM Products
- 1 Watt DC/DC Converters in Surface Mount
- Coming soon.... NEW "DATA BUS" Products

Premier Magnetics **UPDATE**

Q4
1998



UL & CSA Recognition's Completed *POL/TSD Off-Line Switching Transformer Family*

Premier Magnetics has completed Recognition to UL 1950 and C-UL, CSA C22.2 No. 950-50 for the line of transformers designed for use with Power Integration's "TOPSwitch" off-line PWM's

This safety recognition will facilitate customer's end product approval by UL / CSA and other Worldwide agencies and save time and significant dollars in qualification costs related to the transformers.

The UL/CSA recognition combined with 90 complete sets of magnetics including T1, L1 and L2 and NEW REVISED pricing will continue rapid sales growth in the Power product area.

Premier provides complete recommended circuit schematics with a matrix of the appropriate Power

Integrations device for each application.

Recognized products will be identified on Premier's web site: www.premiermag.com under Products / "Power Management" / Universal Off-Line Products/POL.

The UL File Number is E162344.

Prices Reduced – for POL/TSD's

Standard prices for the POL/TSD "Recognized" products have been reduced 35% or more, on average.

A complete set of Magnetics; CMC-L1, Output Filter-L2 and Transformer-T1 is priced from \$1.40 per set at 100K quantity.

UL continued -Linear AC Input products PSB, PVD, & PLP families will be UL recognized next....

Four families of standard Premier AC Input transformers will also be UL Recognized shortly.

"SUPPLIER AWARD"

Action Instruments of San Diego recently recognized Premier Magnetics as the company's "Supplier of the Year" for 1997. *Premier was acknowledged for 'Exceptional Quality and Delivery Performance'*

Frank Williams, President of Action Instruments, presented a plaque to Premier on May 15, 1998 in a supplier conference.

Action Instruments is a leading manufacturer of Industrial I/O equipment marketed worldwide.

Premier is proud of this latest customer award and our long-term partnership with Action Instruments.

EN/BABT Reinforced Insulation

Premier has been aggressively complimenting existing LAN/COM product families with models that feature Reinforced Insulation Systems per BABT, EN41003 and EN60950.

These International Safety standards require materials and construction to meet the necessary creepage and clearance requirements. Isolation Voltages have been increased to 3KV.

Families that have been expanded for this insulation system include; T1/CEPT/ISDN products **Premier's PM-IS3X** family & T3/DS3/E3/STS, **Premier's PM-T3X** family.

SMD - 1 Watt DC/DC's

Premier's standard line of DC/DC Converters has been expanded to include miniature, 0.500-inch length, **G4** family of surface mount packages.

Input Voltages are 5 and 12 Volts. Output voltages are isolated and range from 3.3 to 15 Volts. Isolation voltage is 1000 Vdc. package length is 0.500 inches.

These converters are available from stock and are priced at under \$4.00 for 10K quantity.

New "DATA BUS" Products

Products will be available for Mil and Commercial applications.

Introduction planned for Q4, 1998. Premier is now developing a new line of Databus transformers.

These transformers will be designed to meet the electrical requirements of Mil-Std-1553 A/B and MilT-21038 specifications.

They will comply with general requirements for low-power pulse transformers used in electronics and communication equipment.

These transformers will have very high input impedance (greater than 3000 ohms) over the frequency range of 75kHz to 1MHz at an operating temperature range of -55C to +130C, common mode rejection is greater than 45dB.

Sinusoidal or trapezoidal waveforms will be accurately processed in accordance with Mil-Std-1533 A/B and Mac Air A3818, A4905, A5232 and A5690.

Standard packages will include through hole and SMD.

Website Expanded

- www.premiermag.com

The latest and most complete source of Premier Magnetics data is our website!

Many of the detailed product specifications, recommended circuit schematics and applications notes can now be downloaded directly from the website.