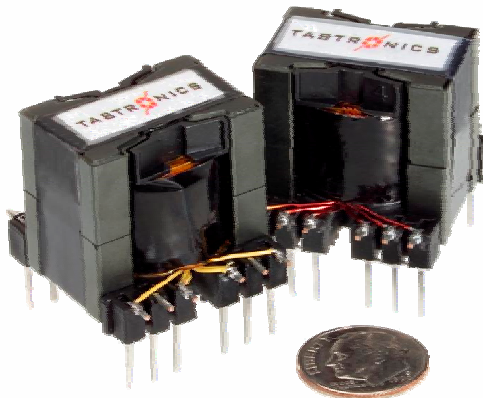


Tabtronics Develops Ultra-High Efficiency Transformers for 100 kHz Forward Converter Applications

HXTF02005 delivers 100 W of efficient power within a 28 mm x 35.6 mm footprint.



October 18, 2005 – Tabtronics Inc., a world leader in high-efficiency magnetic components, announced the release of a surprisingly powerful off-the-shelf forward converter transformer for modern electronic power applications.

The HXTF02005 transformer utilizes the company's Hyper-X Magnetic Technology™ to dissipate less than 1% of output power while delivering 20 volts at 5 amps from a 400 volt DC input – all from the compact PQ26/25 package.

Tabtronics' off-the-shelf Hyper-XMT™ power components meet modern safety and RoHS requirements. The entire Hyper-XMT™ product line is customizable to meet customer specific application demands.

The HXTF02005's construction uses triple-insulated wire for the primary winding. The footprint is 28.0 mm x 35.6 mm maximum with a maximum height of 28.0 mm. At a duty cycle of about 35.2% for a nominal 400 volt DC input, the transformer operates in a forward converter configuration to provide 100 W (20 volt at 5 amp) DC output with about 0.85 W dissipation. All parts have an operating temperature range of +125 degrees Celsius to -40 degrees Celsius.

Contact Tabtronics directly for volume pricing and samples. Detailed specifications are available at the company's web site.

About Tabtronics: Tabtronics specializes in developing high-performance power magnetic components. The company's technology is relied upon by military, avionics, and high technology customers. Tabtronics has 25 years experience in direct manufacture of electromagnetic components, and also licenses its technology to other manufacturers and system integrators. The firm's continuing focus is the development of innovative methods to provide efficient power through smaller components. As an ISO 9000-2000 registered manufacturer, Tabtronics consistently helps technology leaders win market share by means of performance advantages.

thinking big. designing small. **magnetics to the highest power.**™

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