

Payton Planar Magnetics Introduces a Line of Low Profile High Power Processor Power

High Performance and Low Cost

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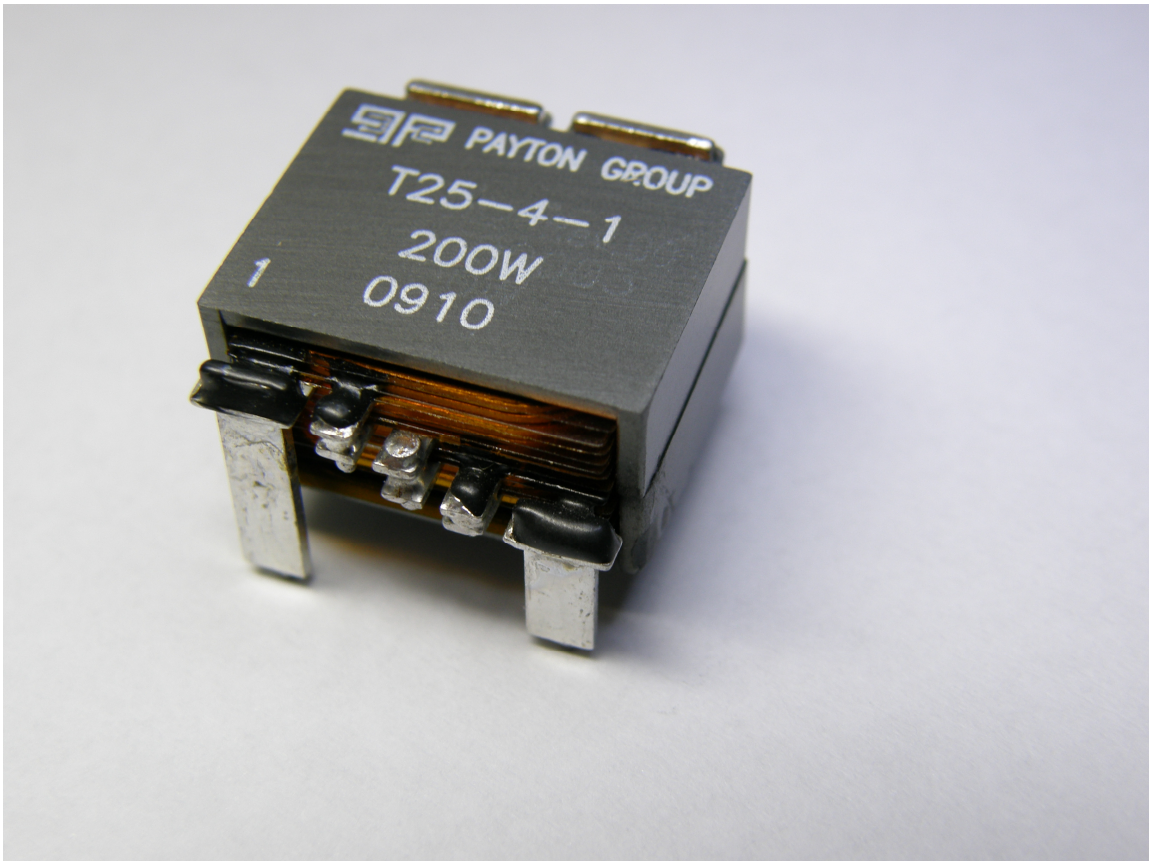
The demand for low profile, high efficiency, low input voltage with low output voltage with high current, is driving the need for high performance planar transformers to be used in power stage of microprocessor power.

Technical Data:

The demand for high current required to power the faster microprocessors requires the power magnetics to be very small so they can be placed near to the processors in order to minimize the losses. Our P/N 3013336 is 20.5mm x 19.5mm x 10mm at 200 Watts. The output is 2.4 Vdc at 85 Amps. The topology is Full H Bridge with Synchronous current doubler. The total power losses are 3.3 Watts with 45°C temperature rise. The efficiency of this magnetic is 98.4%. This example is 4:1 transformer. Other models are available.

About Payton Planar Magnetics

Payton America Inc., a Deerfield Beach, Florida company, designs, manufactures and markets Planetics®, a custom line of planar transformers and inductors to Original Equipment Manufacturers and their suppliers of power electronics. Payton's headquarter is in Israel, with manufacturing in Israel and China. For more information, please visit Payton's web site at www.paytongroup.com.



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