

Payton Planar Magnetics Introduces Vertical Mount Planar Magnetics

High Performance and Low Cost

October 2009

For applications that the board area is of a premium, and there is available height, Payton can provide Planar Magnetics in a Vertical Mount.

Technical Data:

This particular example provides 500Watts of peak output power, in a push-pull converter at 300kHz. The primary current is more than 60Amps peak, with less than 3Watts of total power dissipation. The size is 30mmL x 15mmW x 25mmH. A board is used to align all the pins and maintain the precise dimensions. With no air flow and no heatsink, at 100°C ambient temperature, the temperature rise is only about 45°C.

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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