

Payton Planar Magnetics Introduces a Line of Low Profile PFC Inductors

High Performance and Low Cost

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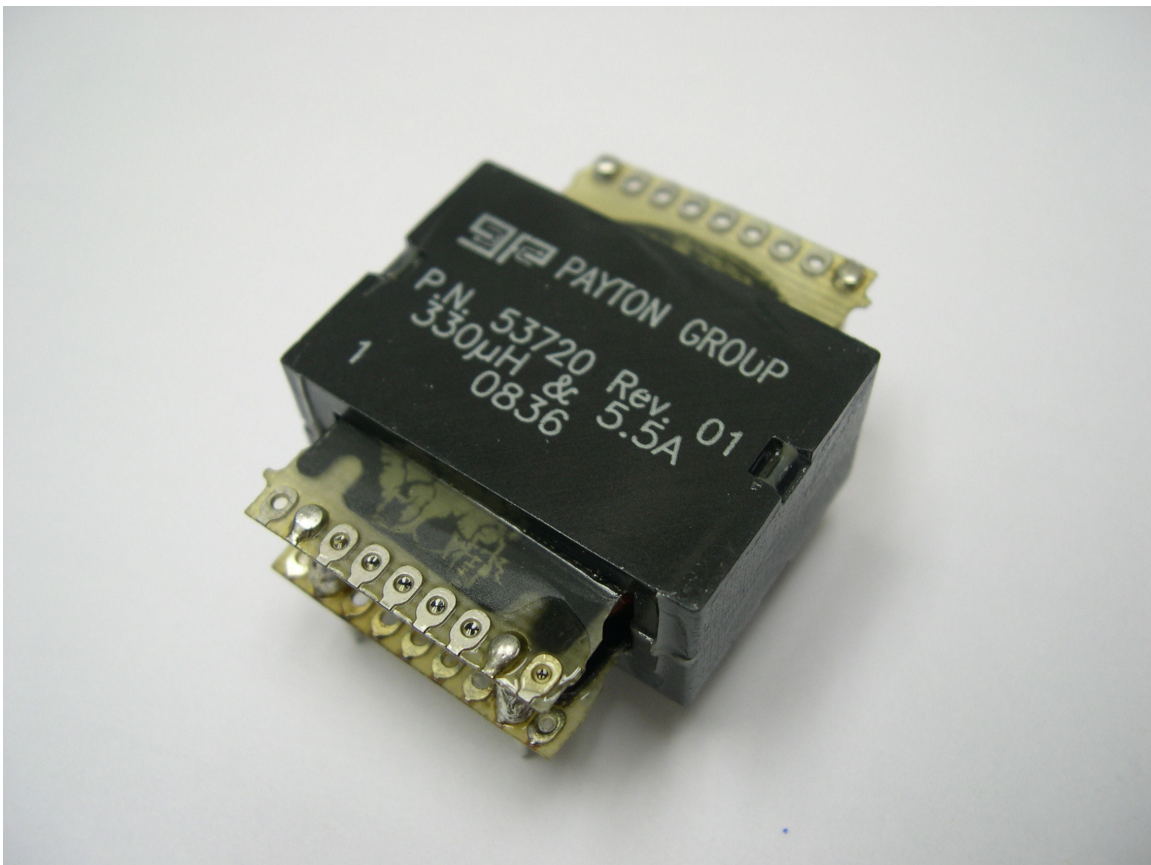
The demand for low profile, high efficiency, boost inductors, is driving the need for high performance planar inductors to be used in power converters for the flat screen industry.

Technical Data:

The low profile restriction for components needed in the flat screen industry, has challenge Payton to develop a standard line of 12 to 15mm height pfc inductors. Our P/N 53720 is 41mm x 34mm x 13mm used in PFC boost pre-regulator at 320 watts. The peak-to-peak current is 5.5amps at 65khz, and the inductance is 330uH. The total power losses are 4.5 watts with 45°C temperature rise. The efficiency of this magnetic is 98.6%. Models are available with a separate bias winding.

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.



Payton America Inc.
1805 S. Powerline Road, Suite 109, Deerfield Beach FL, 33442
www.paytongroup.com
Phone: +1-954-428-3326, Fax: +1-954-428-3308