

Payton Planar Magnetics Has a Complete Custom Line of Planar Transformer & Inductors for high Power Automotive Applications

High Performance and Low Cost

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The demand for low profile, high efficiency, conduction cooled and high current input/output converters are driving the need for high performance planar transformers to be used in power converters for electric and hybrid vehicles.

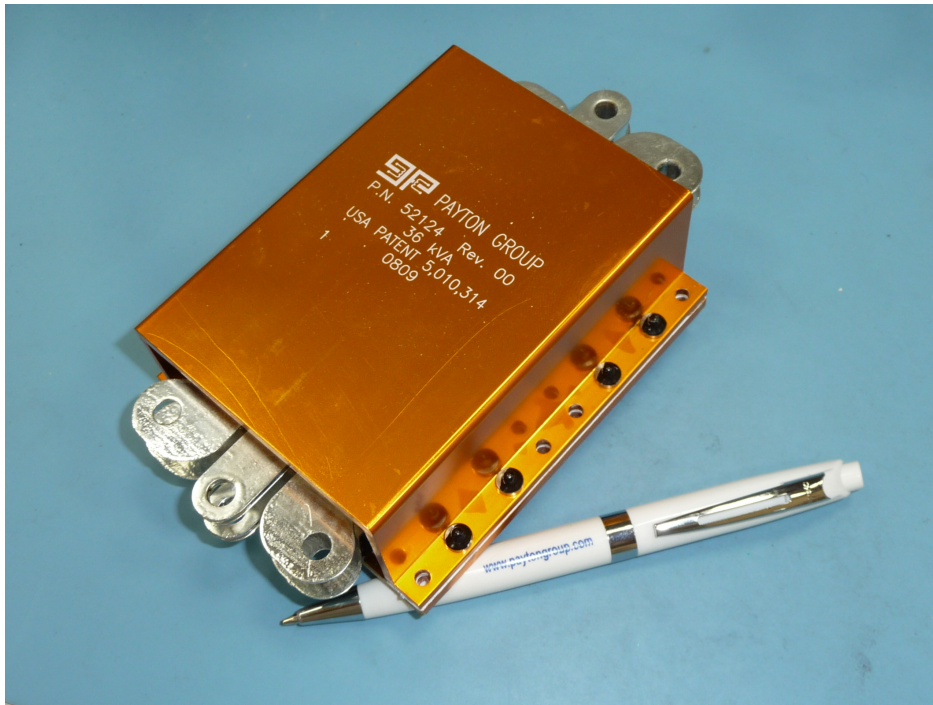
Technical Data:

Custom designs as this example of a 36kva application with 600amps rms primary current and 230amps secondary current in a 140mm(L)x90mm(W)x40mm(H) thermal package with 0.66°C/W thermal impedance designed specifically for a cool plate high vibration environment. With 120watts of dissipation this design has an efficiency of 99.67%. The switching frequency is 60khz and the topology is push-pull.

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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