Proven model - increased performance!

The options on the newest generation of equipment are growing consistently - whether in the range of White Goods or as in the entertainment industry as well as in the heat-recovery-process. “Internet of Things“, the automatization of buildings but also industrial products are asking for more and more functionality. Therefore the demand on electric power increases certainly. That is why developer are challenged with regard to electric power supply.

Generally you can reach a higher performance by increasing a transformers design-size, but also by using a different geometry. This however is bound with a change in the layout or/and higher costs for complex core geometries.

The elegant way would be by focusing on the decisive parameters and by optimising them.
This happened in the new development of a HAHN-standard-bobbin.

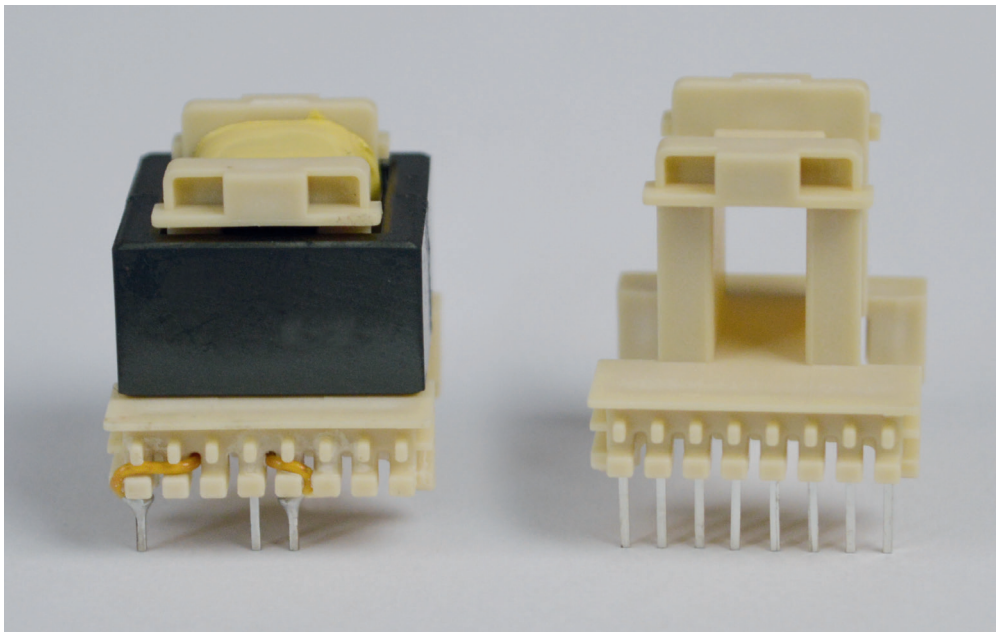

Image HAHN-standard-bobbin (EE 20/11)

A much better transferring performance for the relevant parameters – with the same geometry – is shown by simply increasing the height of the core (height of the package). Consequently there is the possibility to rise the performance for more than 30 %, by equal space-usage on the PCB.

Furthermore the bobbin has been improved in consideration of creepage distance (> 8 mm). The construction has been completed by a roof design that is allowing a precise automatic assembly -
without any additional pick-and place-housings.

The HAHN-team will be glad to give you more information concerning your application.
We are looking forward to the definition of your project.

HAHN GmbH & Co. KG
technical.support@hahn-trafo.de

11/2017

HAHN

Performance that builds trust.

HAHN GmbH & Co. KG

Bellersheimer Straße 45 · 35410 Hungen/Trais-Horloff · Germany
Phone: 00 49 (0) 64 02 / 8 08-0 · Fax: 00 49 (0) 64 02 / 8 08-60
info@hahn-trafo.de · www.hahn-trafo.com