

New developments

HIGH FREQUENCY / HIGH POWER TRANSFORMERS

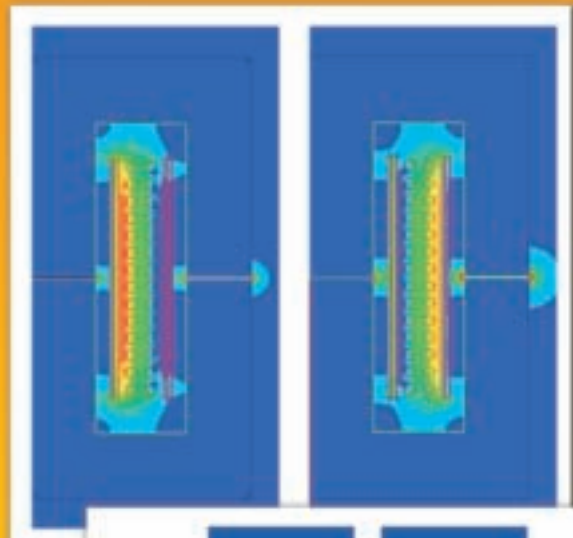
We can study, develop and prepare prototypes in order to produce transformers and inductors for high frequency power conversion meeting safety standards

We can offer a complete service starting from:

Electromagnetic simulation:

Thanks to a dedicated software we study the transformer behaviour inserted in the customer application circuits (forward, half bridge, full bridge, phase-shift transformers, etc.):

- Losses calculation (Joule, Eddy currents, etc.)
- Dynamic visualization of fluxes and fields distribution
- Dynamic visualization of current distribution in wires



Optimization of the building models:

By using above indicated electromagnetic simulation taking into account Sirio production facilities in order to reduce costs as much as possible.

Prototype construction in our laboratory:

Possibility of measuring and testing prototypes in our test laboratory and eventually in customer's application too.

Production:

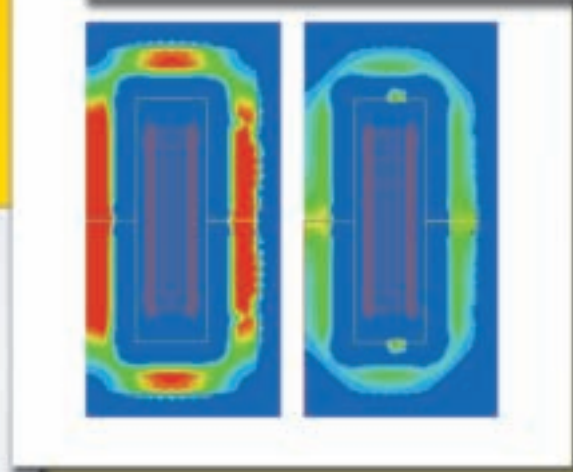
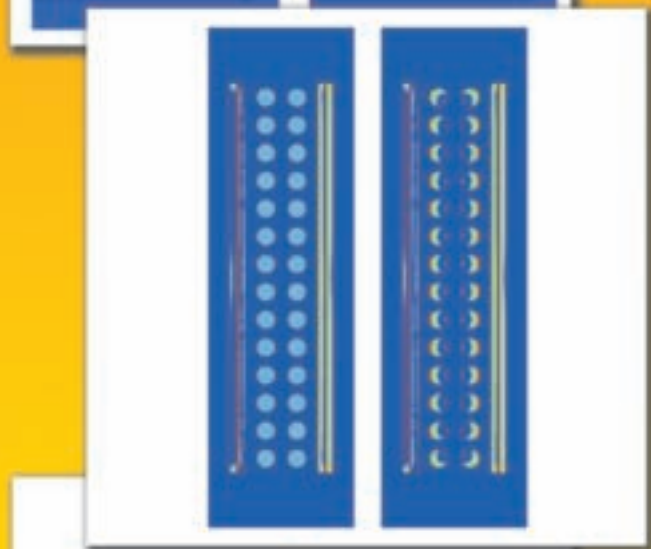
- standard versions
- customized versions

Technologies:

- vacuum casting
- lead free soldering

High automation in all production steps including 100% tests

Competitive prices



35037 BRESSEO DI TEOLO (PD)
Italia - Via Selve, 2
Tel. 0039 049 9901090
Telefax 0039 049 9901868
<http://www.sirio-ic.it> e-mail: info@sirio-ic.it



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HIGH FREQUENCY HIGH ISOLATION INDUCTIVE COMPONENTS



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