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Get High Quality Wound Components and Transformers by [Maria Gini](#)

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You could be in any of the industries like aerospace, manufacture of test equipment, general electronics industry or even manufacture medical equipment. Wound components and custom transformers will be in your need list for various reasons. The catch is how to find reliable manufacturers of wound components and custom transformers. Manufacturers like SIGA pay close attention the requirements of their customers and maintain very high standards of quality.

Transformers are needed usually for power distribution. However, the transformers used by the electric supply companies are different from those required by large manufacturing units. These may include highly efficient amorphous metal core transformers, package substations, battery chargers, switchgear and associated electrical equipment – hence the need for custom transformers. Since the applications may be as varied as voltage optimization and the step up & step down transformers, you need to look for a manufacturer who are able to design to meet customers'™ electrical specification or can build to print.

The railways of different countries are some of the biggest customers for wound components and custom transformers. With trains being increasingly powered by electricity rather than diesel, it is critical that the transformers in use are weather proof like the outdoor use waterproof transformers. The railways also need tool and site transformers which are usually 110v, 230v, and 415v and must conform to the strictest safety standards. Since they are used in power tools they need to be housed in reinforced fiberglass to provide durability and security.

When you need wound components ensure that the design engineers of the manufacturer work closely with your development engineers to finalize the design necessary to produce non standard wound assemblies for special applications. These could be coils with special terminations or mounting or even multi aperture current transformer assemblies. An experienced manufacturer will inform you that although a large variety of non standard assemblies have been produced by them; special expertise is often applied to the construction and winding techniques for standard type assemblies where special performance or test parameters have been specified.

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SIGA (Electronics) Ltd is a leading manufacturer of all types of a [Ferrite core transformers](#), power transformers, medical isolation transformer, potted transformers, Ferrite cores, associated assemblies and a [transformer suppliers](#).

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