

Yamaichi Electronics redefines Customisation: Tailor-made Solutions for Customer-Specific Applications

Is a customised connector the right choice? Yamaichi Electronics is a specialist in client specific developments and now offers customers assistance in answering the question: Custom solution or standard?

"In the constantly evolving technology landscape, there is a growing need for custom applications that can meet customers' unique requirements. This is especially true in the field of connectors." said Benedikt Behr, product manager in the Connector Solutions department at Yamaichi. "Despite a wide range of standard connectors, an off-the-shelf solution is often only a partial fit for specific applications."

Customised Connectors or Standard Solution? A Decision-making Aid

In order to provide customers with the best possible information about the processes at Yamaichi Electronics, a new [online overview](#) has been created where companies can find out what they can expect when working with Yamaichi Electronics.

Profitability in the Long Run?

One of the most important benefits of custom connectors is the potential for economic savings. The investments required for development, tooling and equipment lead to improved product performance, optimisation of design and functionality, reduction of material scrap and therefore increased efficiency. This can result in a reduction of overall costs in the long run.

Timeless Competitive Advantage

Behr also emphasises: Investing in custom connectors can be a significant advantage over competitors, especially in industries with strong competition. Custom connectors help companies reduce their dependence on standard solutions available to their competitors. Companies could therefore protect their intellectual property, reduce the risk of product copying and maintain their competitive advantage in the long term.

Individual Support

Application-specific solutions ensure service and support throughout the entire product life cycle. Behr highlights the significance of the special support that Yamaichi offers at every step of the process:

1. Idea / requirement with specifications, time schedule, project team
2. Feasibility and Producibility Analysis
3. Development with design and process FMEA
4. Prototyping and definition of test criteria with test planning
5. Testing and qualification based on relevant norms and standards in the in-house test laboratory in Munich and Sousse
6. Production in modern Industry 4.0 manufacturing in Frankfurt (Oder) with access to worldwide partner network

In conclusion, Behr refers to the international positioning of Yamaichi's engineering teams: With its European development centres in Munich and Sousse/Tunisia, Yamaichi Electronics can react quickly to customer requirements and provide individual solutions. Around 110 well-trained engineers in the fields of electrical and mechanical engineering work at both locations.

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You can find out more about the process flows and the individual advantages of individualised connectivity here: <https://www.yamaichi.de/markets/customised-solutions>

About Yamaichi Electronics

Yamaichi Electronics is a leading manufacturer of test & burn-in sockets, connectors and test contacts. The company develops and manufactures high-quality and reliable contacting solutions for customers in various markets such as automotive, medical, industrial automation, semiconductor, data networking, measurement & test, mobile computing and embedded computer-on-modules. Yamaichi is also a specialist in tailor-made solutions according to individual customer requirements.

Yamaichi Electronics Deutschland GmbH

Concorpark, Bahnhofstr. 20, 85609 Aschheim-Dornach, Germany

www.yamaichi.de/

Tel. +49 (0)89 – 4 51 09-0

info-de@yamaichi.eu