

## Press Release

November 9, 2010

### **High Power PCB meets High Power Connector - Schweizer and Weidmüller present an optimized PCB connection technology at Electronica**

Munich, November 9, 2010 - Schweizer Electronic AG and Weidmüller Interface GmbH & Co. KG present a combination of an intelligent connection technology and a high power solution called „Keep Cool Connector“ on the occasion of the tradeshow „Electronica“. Schweizer is well-known for numerous solutions in the field of power electronics where high currents and an improved thermal management for PCBs are required. Weidmüller is a leading international provider of solutions for electrical connectivity, transmission and conditioning of power, signal and data in industrial environments.

Schweizer's approach of creating a matching current and thermal management for every PCB application and thus realizing the best possible solution for customers is now consistently continued with by Weidmüller's PCB connection technology.

For Schweizer's solutions Inlay Board, Wirelaid™ (in combination with Jumatech) and Combi Board, Weidmüller now offers the matching connection technology with plug-in connectors and clips. This technology enables the connection to the PCB with a lowest possible electrical and thermal resistance ( $R_{th}$ ).

Advantages at a glance:

- more connection capacity: 6 connection cross-sections from 0,08 to 35mm<sup>2</sup>
- more current capacity: more than 100 A at 40° environmental temperature (IEC)
- more voltage: grid 3,50 - 15,00 mm up to 1000V (IEC) resp. 600V (UL)
- more freedom in creativity: 3 conductor outlet directions (90 / 135 / 180°)
- more packing density: single line and multiple line housings plus TOP-connection
- more process security: capable of reflow due to characteristics of system, ATEX-certified
- more individuality in printing, colour and connection technology
- less installation and service efforts
- less space requirements

For customers this means no compromises are necessary in design-in as the components of Schweizer are being adapted to the customers' application and not vice versa, as is often the case. The „Keep Cool Connector“ is presented on Schweizer's booth 442 in Hall B1 at Electronica.

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### About Schweizer:

Schweizer Electronic AG (WKN 515623) is one of the Top 3 PCB manufacturers in Europe with recognized technology and consulting expertise in the field of automobile, solar and industrial electronics. The company was established in 1849 and is currently managed by the sixth generation of the family.

Schweizer Electronic is focused on complex multilayer and HDI circuits as well as solutions for reducing the system cost and improving the integration of active and passive components on the PC board. In addition, Schweizer Electronic has many answers to the challenges of modern power electronics. With its network of partners, Schweizer Electronic AG offers optimal cost and manufacturing solutions for small, medium and large series.

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