



New Compact Amphenol RADSOK® PCB Connectors Provide More Power to Printed Circuit Boards without Generating More Heat

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Amphenol Industrial now offers RADSOK® PCB Connectors to Provide More Power to Printed Circuit Boards without Generating More Heat.

PR9.NET March 04, 2008 - Sidney, N.Y. – Amphenol Industrial, a global leader in interconnect systems, now offers three compact, high amperage connectors ideal for use in high current, single-point connections to printed circuit boards (PCBs). The new PowerBlok™, RADSERT™ and PGY™ connectors incorporate RADSOK® technology to eliminate threaded connection failures and increase reliability, flexibility and available surface space within a board design.

Housed in a small package of 12.7 mm x 12.7 mm (0.500" x 0.500"), PowerBlok provides up to 70 Amps to a board. The component's backplane power interface uses compliant pins, which are press-fit into the board enabling a solid connection and an even signal flow. PowerBlok features a radial design that ensures many points of contact as well as a touch-proof cover for safer operation.

Available in either a 2.4 mm (0.094") size carrying up to 35 Amps or in a 3.6 mm (0.141") size carrying up to 70 Amps, RADSERT offers the smallest footprint of Amphenol's new PCB line freeing up the most surface space for added design flexibility. In addition, RADSERT enables designers to bring power to the board from busbars suspended above the board and its components. A standard RADSERT is designed for a board thickness of 6.35 mm +/-0.0635 mm (0.250" +/-0.025") with custom sizes available for specific applications.

The PGY, an orthogonal card edge connector, is available in two sizes, 3.6 mm (0.141") carrying up to 70 Amps and 5.7 mm (0.224") carrying up to 120 Amps, delivering the highest amperage in the smallest package. Design engineers can achieve the needed size and weight reductions within their design without compromising the power needed for the board.

The RADSOK PCB connector series is RoHS-compliant and can be applied manually (press-fit) or by a reflow solder process that eliminates the need for additional wires and special crimping tools.

Pricing starts at \$7 (PowerBlok), \$2.50 (RADSERT) and \$2 (PYG) in small quantities. Delivery is eight weeks ARO.

For more information, please visit www.amphenol-industrial.com, www.radsok.com or e-mail radsok@amphenol-aio.com

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About Amphenol Industrial

Amphenol Industrial Operations, headquartered in a 675,000 square foot facility in Sidney, N.Y., provides a full range of high reliability connectors and interconnection systems specifically for the industrial markets including base stations, rail/mass transit, process control, automotive manufacturing, heavy equipment, and petrochemical/power generation. Products include ruggedized-for-industry cylindrical, fiber optic, rectangular, and industrialized versions of Amphenol's MIL-C-5015 cylindrical, MIL-C-26482 miniature cylindrical and GT reverse bayonet cylindrical connectors. It employs more than 1,400 people and is both ISO9001 and MIL-STD-790 certified. Amphenol Industrial Operations is a division of Amphenol Corporation, Wallingford, CT, one of the largest manufacturers of interconnect products in the world, with year 2006 sales topping \$2.5 billion.

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