

MetPak HSHM Backplane Connectors from 3M Meet Electrical Challenges

MetPak HSHM (High Speed Hard Metric) five-row backplane connectors from 3M are the high-speed solution for designs with challenging electrical performance and space requirements in the telecom/datacom, enterprise computing, and automated test equipment industries. They are based on the industry standard 2-mm hard metric connector and are sized in accordance with the IEC-61076-4-101 connector standard. Because MetPak HSHM connectors come in IEC standard module styles, the system provides a natural electrical upgrade path for users of CompactPCI hard metric connector systems and will fit in existing chassis.

These connectors provide up to 5 Gbps data rates, a density of 63 mated lines per inch, and dual beam contact construction for high reliability. The connectors include integrated shields to allow full signal pin usage at high speeds without sacrificing pins to ground. The shielding is flexible to allow for column differential, row differential (for within-pair skew reduction), and single-ended signaling. For higher pin count requirements, 3M also offers MetPak HSHM eight-row connectors, providing a density of 101 mated lines per inch.

MetPak HSHM five-row modules are available from 3M with four weeks lead time, and pricing is provided upon request.

For more information, contact the 3M Electronic and Interconnect Solutions Division, A130-3N-25, 6801 River Place Blvd., Austin, Texas 78726-9000, USA, or call 1-800-225-5373.

The 3M Electronic and Interconnect Solutions Division, headquartered in Austin, Texas, provides interconnect systems primarily for data and telecommunications equipment, test equipment and instrumentation, and industrial and other high-performance applications. It also provides products and solutions to meet the electronic industry's challenges of protecting sensitive components from adverse environmental conditions during handling and transportation. Division products include a wide range of copper and fiber connectors, cables, and cable/connector assemblies; static control products and tape and reel transport media for passive, semiconductor, and electro-mechanical components plus IC transport media; and Textool test and burn-in sockets. For more information, visit the Web site at www.3M.com/eisd.

About 3M

3M is a \$16 billion diversified technology company with leading positions in consumer and office; display and graphics; electronics and telecommunications; health care; industrial; safety, security and protection services; transportation and other businesses. Headquartered in St. Paul, Minnesota, the company has operations in more than 60 countries and serves customers in nearly 200 countries. 3M is one of the 30 stocks that make up the Dow Jones Industrial Average and also is a component of the Standard & Poor's 500 Index. For more information about 3M, go to www.3M.com.

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CompactPCI is a registered trademark of PICMG-PCI Industrial Computer Manufacturers Group, Inc. Note: A photo is available at URL: <http://www.businesswire.com/cgi-bin/photo.cgi?pw.061703/bb9>

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