

Press release



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IMMEDIATE RELEASE

FCI develops connectors to enable MicroTCA™ architecture

ETTER, PA (November 5, 2007) - FCI, a leading developer of connectors and interconnect systems has developed backplane signal connectors and power module input connectors that are fully compliant with the MicroTCA™ (μTCA™) specification issued by PICMG®.

The backplane connector line includes a press-fit, vertical card edge connector that provides 170 contacts on 0.75mm pitch and enable AdvancedMC™ (AMC™) cards to be plugged directly to a backplane, accommodating speeds up to 10Gb/s. FCI can also provide a surface-mount version, which utilizes an optimized PCB footprint and will support differential signals at data rates up to 12.5 Gb/s. Both versions of the connector are compatible with the PCB connector footprints defined in the MicroTCA specification. Customers can choose the termination option that best suits their system design and manufacturing preferences.

FCI has also launched an innovative D-Subminiature connector range to enable DC input connections to the power modules used in μTCA shelves. Based on FCI's proven D-Subminiature connector designs, connector options are available to handle 48V, 24V or 12V DC. The shielded connectors are designed to fit the power module faceplate on the front side of a power module made in accordance with the μTCA specification.

FCI can provide the board-mount connectors, cable connectors, accessories and cable assemblies needed for power input feeds to μTCA power modules. The board-mount connectors have the most compact footprint on the market, providing more space on the board for supplementary traces or components, and are available as a single port or as a dual-stacked version for redundant input feeds.

To support customers who are interested in designing their systems according to the MicroTCA standard, FCI now offers the MicroTCA designer kit. Each kit includes samples of the press-fit and surface-mount vertical card-edge connectors and the D-Subminiature 7W2 input connector to enable -48V input connections to power modules.

"In addition to the backplane and power input connectors defined in the MicroTCA specification, FCI can also provide a wide range of other interconnect products which can be used in a MicroTCA shelf or on AdvancedMC cards," said Remco Innemee, global market manager, FCI. An overview of the connectors suitable for use in MicroTCA systems can be found in the "Products for MicroTCA and AdvancedMC modules" catalog at www.fciconnect.com.

For more information, including product specifications and customer drawings, visit the FCI web site at www.fciconnect.com.

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● **About FCI**

With operations in 30 countries and sales of 1.28 billion euros in 2005, FCI is a leading manufacturer of connectors. Our 13,500 employees are committed to providing customers with high-quality, innovative products for a wide range of consumer and industrial applications.

For more information: www.fciconnect.com

