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**TYCO ELECTRONICS' NEW Z1 POWER CONNECTOR
MEETS UPGRADED SPECIFICATION**

HARRISBURG, Pa. – October 17, 2006 – Tyco Electronics Z1 Power Connector has been qualified to the latest PICMG 3.0 Specification, also known as AdvancedTCA. Revision 2.0 of the specification includes additional overload power requirements, which require testing to 50 Amps per contact. In comparison testing, the Z1 Power Connector outperforms alternative screw-machined contacts.

The Z1 Power Connector combines high conductivity materials with precision formed selectively plated contacts to produce high current carrying capability while minimizing costs. The connector uses design and manufacturing technologies common to many Tyco Electronics' new power and backplane connectors. The connector can be installed into circuit boards using any of the popular platings (tin, silver, tin/lead, etc.) without changes made to the plated through holes sizes.

“This approach provides compatibility with our customers' printed circuit board processing and application environments, and high reliability of the press-fit terminations”, comments Mike Blanchfield, global product manager, Tyco Electronics power connectors.

The connector satisfies the higher-density power levels of future equipment as defined in

the AdvancedTCA Standard. The connector also offers four levels of sequencing, which includes a first-mate power/ground pin and a last-mate enable/signal pin, and is rated for 250 durability cycles. The backplane connector meets international safety standards for “touch-safe” applications. Both the Backplane and Linecard connectors are fully intermateable and interchangeable with the existing power connector defined in the PICMG 3.0 Standard.

Samples and literature (Catalog #1773096) of the Z1 Power Connector are readily available through your Tyco Electronics Sales Engineer. Pricing is \$7.63 and \$10.38/ea. for the Backplane connector and Linecard connector, respectively, in 500 piece quantities.



(Backplane Connector)



(Linecard Connector)

For more information on Tyco Electronics Z1 Power Connector, visit www.tycoelectronics.com or contact Tyco Electronics' Technical Support Center at 800-522-6752.

About Tyco Electronics

Tyco Electronics, a business segment of Tyco International Ltd., is the world's largest passive electronic components manufacturer; a leader in cutting-edge wireless components, complete power systems, and premise wiring components and systems; and a provider of critical communications systems to the Land Mobile Radio industry. Tyco Electronics provides advanced technology products from over forty well-known and respected brands, including Agastat, Alcoswitch, AMP, AMP NETCONNECT, Buchanan, CII, CoEv, Critchley, Elcon, Elo TouchSystems, M/A-COM, Madison Cable, OEG, Potter & Brumfield, Raychem, Schrack and Simel. For more information, visit <http://www.tycoelectronics.com>.

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Editors Note: High-resolution photos (Ref #PR00264) available upon request at lori.hemminger@tycoelectronics.com.

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