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For further information:
Joe McDevitt, PICMG, (781) 246-9318
info@picmg.org

PICMG Ratifies Hardened Conduction Cooled MicroTCA Specification

WAKEFIELD, Mass., February 23, 2011 – PICMG, a leading standards organization for the communications, military and embedded computer industries, announces the adoption of the Hardened Conduction Cooled MicroTCA® (MicroTCA.3) specification. This specification defines the requirements for systems that meet more stringent levels of temperature, shock, vibration, and other environmental conditions. This enables development and deployment of MicroTCA in more rugged environments like outdoor telecom, military, shipboard and other harsh mobile equipment environments.

One important goal of the PICMG® MicroTCA.3 working group was to demonstrate the ability of the system to meet extended environmental requirements including temperature, vibration and shock. This was accomplished by rigorous independent qualification testing of the Connector and documented in Test Reports that are available for viewing via the Resources/Conduction Cooled MicroTCA links at www.picmg.org.

“Successful testing of the MicroTCA connector system based on requirements from the MIL-STD-810 and RTCA/DO-160 standards combined with the adoption of this new specification opens harsher military and other rugged environments for MicroTCA,” said Doug Sandy, PICMG’s Vice President of Technology and Technical Fellow with Emerson Network Power.

PICMG’s MicroTCA specification was adopted in 2006 and enables AdvancedMC products to be integrated in a passive backplane architecture. By reusing AdvancedMC products, MicroTCA systems are much smaller than classic AdvancedTCA architectures. This new specification enables deployments in a wide variety of harsher environments than possible before this latest adoption.

About PICMG

Founded in 1994 as the PCI Industrial Computer Manufacturers Group, PICMG is a consortium of over 250 companies that collaboratively develops open specifications for high performance telecommunications, military and industrial computing applications.

For information about PICMG membership, or to find out how to obtain PICMG specifications, visit the PICMG website at <http://www.picmg.org> or call PICMG headquarters at (781) 246-9318.