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**Samtec Introduces new VITA 42 XMC 12 mm mated connector sets**

New 12 mm stack heights comply with recent ANSI/VITA 42.0 XMC Standard

**New Albany, IN:** As an ANSI/VITA member, Samtec, a privately held $713MM global manufacturer of a broad line of electronic interconnect solutions, is proud to release new connector sets compliant with the revised ANSI/VITA 42.0-2016 XMC Standard. VITA 42 XMC defines an open standard for supporting high-speed, switched interconnect protocols on an existing, widely deployed form factor.

This revision further defined the concept for the preferred Standard connectors in XMC applications including:

* Solder ball attachment replaced Paste-On-Pad (POP) for improved solder joints
* Low Insertion Force (LIF) sockets to ease mating and un-mating
* Tin-lead alloy available as a solder option
* Revised ASP catalog numbers
* 12 mm stack height

Based on these guidelines, Samtec is proud to release 12 mm stack height options expanding the existing family of ANSI/VITA 42 XMC Standard connectors. Chosen for high reliability stemming from the multipoint-of-contact SamArray® sockets and robust solder ball design, the updated connector set has been specified for current XMC systems.

Samtec's growing catalog of XMC connectors enable switched communication between a mezzanine card and its carrier. In addition to transmitting sensitive high-speed data, these connectors provide power, ground, and auxiliary signals to the mezzanine. The 12 mm mated connector set further optimizes XMC cards for use in wider modules, designed for 1.00" pitch cage systems.

“We were excited at the opportunity to update VITA 42.0, bringing the specified connectors to the state-of-the-art,” said David Givens, Standards Director. “Since the Standard was launched, Samtec supported hundreds of system designers who expressed the need for an alternative to Paste-On-Pad attachments while providing Low Insertion Force contacts.”

For more information on Samtec’s complete line of VITA 42 XMC or SamArray® solutions, please email our technical experts at XMC@samtec.com or visit <https://www.samtec.com/xmc>.

**About Samtec, Inc.**

Founded in 1976, Samtec is a privately held, $713MM global manufacturer of a broad line of electronic interconnect solutions, including IC-to-Board and IC Packaging, High-Speed Board-to-Board, High-Speed Cables, Mid-Board and Panel Optics, Flexible Stacking, and Micro/Rugged components and cables. Samtec Technology Centers are dedicated to developing and advancing technologies, strategies and products to optimize both the performance and cost of a system from the bare die to an interface 100 meters away, and all interconnect points in between. With 33 locations in 18 different countries, Samtec’s global presence enables its unmatched customer service. For more information, please visit <http://www.samtec.com>.

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