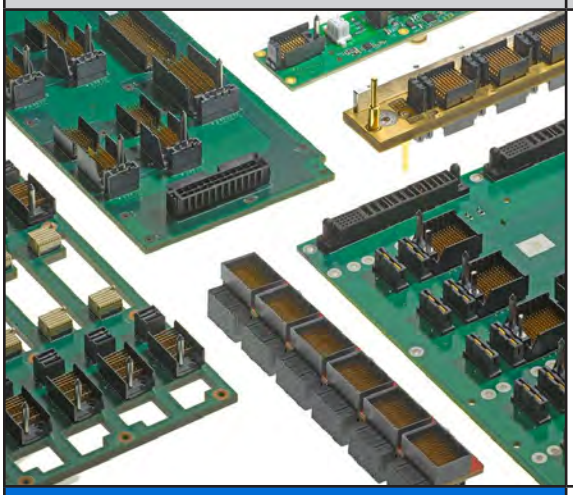
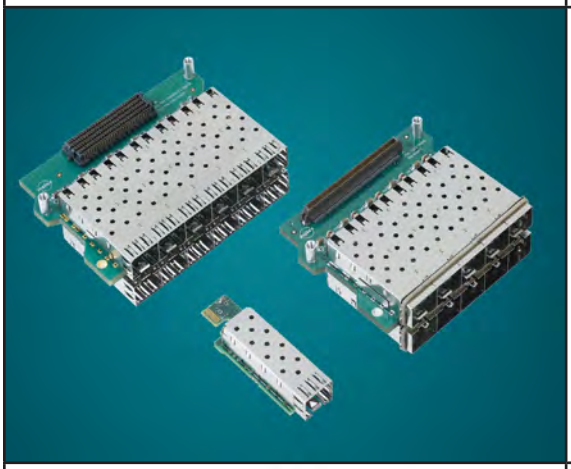
molex®

PCBA

	Product	Description
	**Custom Backplane/ Midplane Assemblies**	• Backplanes with 40+ layers with design support for 25Gbs system requirements • Support all Molex and industry-standard backplane connector systems (Impact™, I-Trac™, GbX®, VHDM®, VHDM-HSD™, Milli-Z™, µTCA, Serial ATA, SCSI, etc.) • Mechanical and electrical design, development, simulation, test and in-house functional test design and development capabilities • Global manufacturing footprint
	MicroTCA Assemblies	• Molex 10 Gbps backplane design allows direct comparison of the Molex solution against any other backplane solution in a similar card edge by functionally evaluating the systems and comparing results, especially when higher speeds are required • Backplane is supported by electrical models and empirical testing supporting 10 Gbs performance in an off the shelf solution • Utilized Molex press fit connector technology to provide a high level of reliability from an fully integrated interconnect solution from Molex
	LED Assemblies	• Experts in LED interconnect PCB assembly solutions: rigid board and flex configurations • Molex facilities are TS 16949 certified for automotive LED board manufacturing cards • Global manufacturing, material sourcing, tooling and testing capabilities • Clean sheet mechanical and electrical design, development and test support, including circuit design and customer functional test design and development • Mechanical packaging expertise to recommend interconnect solutions or to develop customer interconnects to fit your needs

molex®

PCBA

	Product	Description
	Media Connectivity Modules (MCM)	• Complete mechanical, electrical and design and process verification support • Expertise in signal integrity engineering • Cost effective solution by integrating Molex interconnect technology and manufacturing • Currently serving customers worldwide, reliably and competitively • Global footprint for manufacturing, engineering and customer support • Designs supporting USB 3.0, HDMI, analog video and audio, Blue Tooth, 1394, Display Port, Ethernet
	**High Performance I/O Ports**	• Digital, analog and power interconnect solutions • SFP/SFP+ and QSFP products for ATCA and µTCA platforms • Designs that support unitized multiport connections to simplify assembly, save space and reduce costs • Signal integrity support to assure performance in high bandwidth applications • Mechanical design support for custom bezels and sealed I/O port requirements
	Interconnect Boards	• Value add service to our customers • Utilize Molex connector technology to provide total Molex interconnect solution • SMT, BGA, through hole, press fit and selective soldering processing capabilities • Global manufacturing footprint • Global supply chain support

Order No. 987650-9015

Printed in USA/KC/2013.09

© 2013 Molex