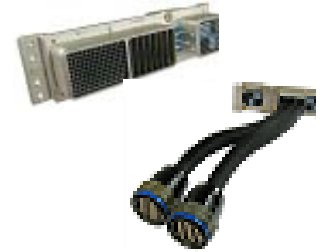# Hercules® Unleashed

Meritec's Hercules Interconnect System, the product of choice for the VITA 76.0 Standard, has been voted out of the Working Group committee with a recommendation for VSO (VITA Standards Organization) and ANSI approval as a new connector standard. VITA 76.0 (Ruggedized 10 Gbaud Bulkhead Connector for Cu and AOC Cables) supports both copper and active optic cabling to 10 Gbaud data rates. Packaged within rugged military quality shell-work, Hercules has been industry proven over the past five years in countless commercial and military applications as a rugged high bandwidth copper interconnect.

Additionally, in the past year Meritec has added two new products to the Hercules Line that broaden the product offering while adding new packaging options for Systems and Design Engineers. First is the new Hercules ARINC insert allowing for The same V-76.0 High Bandwidth performance to be accessible in a standard ARINC Format. http://meritec.com/products/cable-assemblies/hercules/

Second, the addition of the HBI (Hercules Board Interface) enables the High Bandwidth interface between the Hercules bulkhead connector to be completed via a Flex Printed Circuit. http://meritec.com/products/cable-assemblies/hercules/

Both new products operate at the 10 Gbaud rates as defined in V-76.0.

Whether your performance demand is high heat, vibration, harsh environment, or limited access, Meritec has the solution. Visit *The Xtreme High-Speed* Xperts at AUSA in Washington, D.C., October 12-14, 2015, and again next year at Booth 520 at DesignCon16. *Celebrating 50 years of interconnect innovation and excellence.*

For more information about Meritec's superior Interconnect Products, please contact Meritec's Customer Service: 888-Meritec (637-4832), info@meritec.com, 440-354-2100,
440-354-5692 FAX, or a Meritec Sales Rep in your corner of the world – MERITEC.com

Contributor: Ken Braund is a Business Development Manager at Meritec's Painesville, Ohio location responsible for Flat Flex, MSI, & Mil/Aero Product Lines and other high-performance connector and cabling solutions. He has more than 30 years' experience in the design, manufacture, and marketing of interconnect systems, and available for problem solving at
kbraund@meritec.com
440-354-2100, X 239
Photos courtesy of Bill Dutchman, Senior Engineer, Special Projects Manager at Meritec.

Meritec and its West Coast affiliate, Joy Signal Technology, are signal integrity leaders and preferred vertically integrated manufacturers of high-performance electrical and electronic interconnect embedded systems and connectors. Fifty (50) years of innovation serving worldwide markets with cost-effective solutions specializing in ruggedized Mil/Aero/Defense/Marine, Telecom and Datacom, Automotive, Industrial, Medical, Automatic Test Equipment (ATE), Computer, Audio/Video, Gaming, Security, Vending and Power Connector Products. Your one source for standard, off-the-shelf, or custom high speed cable assemblies and connectors including 85 ohm, robust 2mm HM (VME), Hermes® Mega-Hermaphroditic Mezzanine Connectors, VPX, CX4, Hercules® 38999, SFP+, QSFP+, CP50, CB-140, cPCI, Right Angle PCI, Right Angle PCI Express®, RapidIO®, Sockets, DIMM Sockets, MSI-Ribbon Molded-on Cable, Flat Flex Cabling, 4X & 12X InfiniBand®, and ZD Cabling. -RoHS Compliant. Custom Thinking is our Standard - Concept to Connection - Intellectual Property (IP) and rapid-right-first-time design and total build in the USA - www.MERITEC.com - 888-MERITEC (888-637-4832) or (440) 354-2100.

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