



A Qnnect Company

CONTACT: Jeff Gossett, Director of Sales  
MERITEC / JOY SIGNAL TECHNOLOGY  
Phone: (440) 354-2100, Ext. 341  
Fax: (440) 354-5692  
E-mail: [jgossett@meritec.com](mailto:jgossett@meritec.com)  
Website URL: [www.MERITEC.com](http://www.MERITEC.com)

## MERITEC'S HIGH-SPEED D-SUB (HS-D)

To be featured at AUSA Booth 319

October 10-12<sup>th</sup>

Washington D.C. Convention Center



HS-D Datasheet  
And Test Report



Meritec (A Qnnect Company (pronounced: "Connect")) is pleased to announce the release of its new High-Speed D-Sub Hercules Connector. This connector range solves the issue of high-speed differential-pair signaling in a ruggedized Mil-24308-style rectangular shell for more compact packaging. It features a protected 100-Ohm impedance "Hermit" contact that has been field tested for durability through vibration and temperature extremes, and proven to 10Gb/s on the current D38999 Hercules (VITA 76.0) Interconnect System.

The HS-D Sub, in the five popular Mil-DTL-24308 sizes, but with much higher density than the old Mil-standard D-Sub. It allows fast protocols of USB 3, PCI Express, Display Port, HDMI and many others. The connector has already found performance success solving the High-Speed / High-Density challenges in smaller UAVs and drones, conveying display and critical data to onboard computing centers.

The Connector incorporates rugged aluminum machined shells that include gasketing to provide IP67 and EMI protection with various backshells and plating finishes. Cable assemblies for all sizes and protocols are available as well from Meritec.

For more detailed specification and details, see the HS-D Sub Datasheet at [www.meritec.com](http://www.meritec.com). The product is manufactured in Ohio in Meritec's vertically integrated manufacturing facility.

### About MERITEC:

Meritec – A Qnnect Company known as *The Xtreme High-Speed Xperts*, signal integrity leader and global ISO 9001 supplier of cost-effective solutions specializing in ruggedized, space-grade Mil/Aero, Defense, Marine interconnects that exceed high-density performance parameters. [MERITEC.com](http://MERITEC.com) / 888-MERITEC 637-4832 or 444-354-2100 / [info@meritec.com](mailto:info@meritec.com)

### For More Information:

Contact Jeff Gossett, Director of Sales  
[jgossett@meritec.com](mailto:jgossett@meritec.com) - 440-354-2100, X341