10G ETHERNET PER CHANNEL

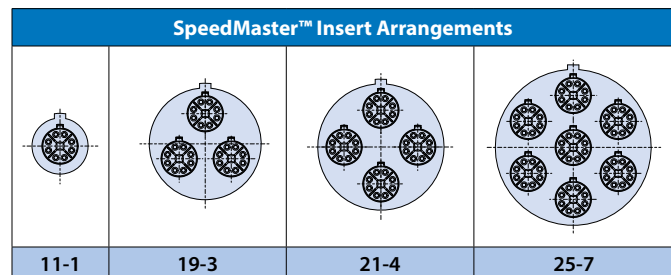# SpeedMaster™ Contact System

High-speed contact modules and inserts for use in MIL-DTL-38999 Series III connectors

SpeedMaster™ 10G is a dedicated contact module and interconnect insert package designed for use in MIL-DTL-38999 Series III type SuperNine™ connectors. SpeedMaster™ meets the unique installation, performance requirements, and use preferences of the aerospace industry. Optimized for high-speed Cat 6A Ethernet, the SpeedMaster™ 10G system offers industry-leading NEXT, return loss and insertion loss performance due to its highly-engineered isolation and separation architecture. Easy to assemble, terminate, install, and repair, the SpeedMaster™ 10G utilizes size #22D contacts, tools, and cable, and meets the broad range of aerospace industry requirements for vibration, temperature cycling, durability, and safe, reliable performance. Applications include defense, military and commercial aircraft electronics, in-flight entertainment, medical equipment, rail electronics systems, and industrial automation/robotics.

- **Utilizes aerospace industry standard #22D contacts, tools and widely available Ethernet flight cable**

- **Fast, easy termination**

- **Significant weight reduction compared to Quadrax solutions (reduces cable requirement by ½)**

- **High-density, repairable solution—ideally suited for today's high-performance mil-aero network environments**

SuperNine® Plug and Receptacle with SpeedMaster™ high-speed insert and contact modules

SpeedMaster™ Insert Arrangements			
11-1	19-3	21-4	25-7

Available SpeedMaster™ insert arrangements for use in MIL-DTL-38999 Series III type SuperNine® connectors