

New 3M High-Speed Cable Assembly Introduced

Electronics engineers requiring high-density, high-speed 2 mm shielded cable assemblies for mid-plane applications can get lower EMI emissions while maintaining signal integrity using new products from the 3M Electronic Solutions Division. The 3M brand 2 mm SCI Cable Assembly is a fully shielded control impedance connector that provides high density and high performance in a 2 mm form factor. Other products in the 3M 2 mm SCI product platform include 2 mm SCI terminations on coaxial or twin axial cables.

By applying matched impedance and large gauge wire in the product, the cable assembly can run at a higher baud rate over longer distances. Designed as a robust interconnect, the 3M 2 mm SCI cable assembly has a metal connector with flexible cable, creating a robust and durable termination to the connector shield. These features allow designers to improve system quality and reliability. The 3M cable assemblies mate to HSHM and CompactPCI backplane headers, Futurebus and 2 mm pin strips.

The 3M 2 mm SCI cable assembly can fit into several platform design options and can be customized to a specific customer need using its 1x2 building block. Because customers can specify the orientation and size of a potential carrier, cable assemblies can fit into customer's configurations and envelope space.

About 3M Electronic Solutions Division

3M Electronic Solutions, headquartered in Austin, Texas, has numerous technologies and provides a wide range of products for the electronics market. It provides products and solutions to meet the electronic industry's challenges of protecting sensitive components and precisely delivering them to the assembly point, as well as flexible and multilayer microinterconnect packaging solutions; embedded capacitance laminate materials, copper and fiber interconnect systems; cables and cable assemblies; static control products; Textool brand test and burn-in sockets; tapes, abrasives, chemicals and materials; and ceramic textiles and composites.

About 3M -- A Global, Diversified Technology Company

Every day, 3M people find new ways to make amazing things happen. Wherever they are, whatever they do, the company's customers know they can rely on 3M to help make their lives better. 3M's brands include Scotch, Post-it, Scotchgard, Thinsulate, Scotch-Brite, Filtrete, Command and Vikuiti. Serving customers in more than 200 countries around the world, the company's 67,000 people use their expertise, technologies and global strength to lead in major markets including consumer and office; display and graphics; electronics and telecommunications; safety, security and protection services; health care; industrial and transportation. For more information, including the latest product and technology news, visit www.3M.com.

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