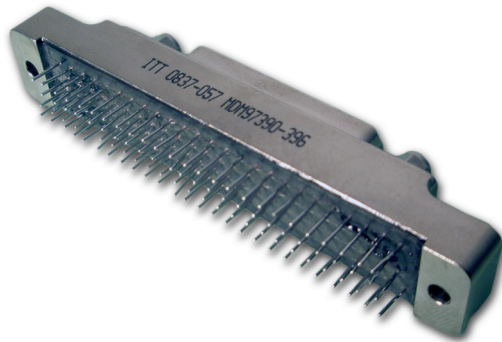


APPLICATION NOTE

www.ittcannon.com**100 Position MDM PCB Connector****October 2008**

The Challenge

A customer came to ITT-ICS seeking an interconnect that could provide 100 signals in a robust yet compact package. The connector had to be able to mount to a PCB and had to be able to provide an effective EMI shield. In addition the connector had to be lightweight and be able to be terminated to flex circuitry for very short reach signals.



Product Features

- 100 positions on 0.050 spacing
- MDM connector series W/ LCP dielectric
- Twist Pin Contact system
- Crimped gold plated contacts
- Aluminum Shells
- Jack post hardware available
- Multiple plating options

Applications

- Avionics
- Oil Field Exploration
- Electronic Instrument Packages
- Satellite Systems

The ITT Solution ...

ITT Interconnect Solutions Cannon designed the high density board mount PCB 100 position Micro connector for Flex Circuitry terminations. A 100 position MDM board straight connector allows for the maximum signal density when PCB board components are taking up space. In addition, special back molding processes allow for an effective EMI shield to be integrated within the connector.

For application assistance, please contact:

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