



## Quick Reference Guide

### .050 Centerline Micro-MaTch Connector Series

The Tyco Electronics Micro-MaTch connector family, with its contact spacing of 1.27mm, offers a variety of wire-to-board and board-to-board interconnections. The Micro-MaTch contact helps prevent fretting corrosion, the traditional failure mode in tin-plated connections. Relative movements caused by vibrations/thermal expansion between male and female contacts are absorbed by an additional positioning spring in the female part. By preventing movements on the contact spot, a gas tight connection can make the Micro-MaTch contact spring system fretting corrosion resistant.

#### FEATURES AND BENEFITS

- Wire connectors supplied on-tape and suitable for mass termination of 28 AWG [0.08 mm2 to 0.09 mm2] ribbon cable
- Tin plated contact design
- Gas tight connections
- Fretting corrosion resistant
- Full range of application tooling from hand tool to fully automated equipment
- Wire to Board, and Board to Board Interconnection system

#### PRODUCT APPLICATIONS

- Car Radios
- Navigation Systems
- Dashboard Systems
- Base Stations
- Phones
- Set Top Boxes
- Audio equipment