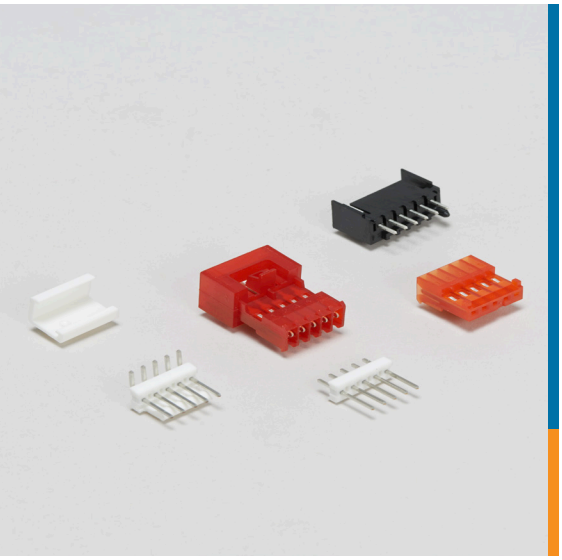

MTA 100 CONNECTORS

ECONOMICAL and EFFICIENT

MTA 100 connectors provide both wire-to-board and wire-to-wire systems based on insulation displacement contact (IDC) technology. A mass termination of wires supports low applied cost, as it drastically reduces the labor content of virtually any cable or harness assembly required. These connectors offer .100" [2.54mm] centerline spacing while still allowing for up to 28 positions. Housings feature styles that include both closed end and feed-thru connectors with locking ramps, both with and without polarizing tabs. For increased quality and ease of handling, MTA 100 connectors offer one-step assembly, no wire stripping, no contact damage, reduced wiring errors, simpler tooling, and simple maintenance and repair. The connectors offer numerous options including colored housings and various types of plated contacts to offer solutions for a multitude of diverse applications.

APPLICATIONS:

- Household appliances
- Low power and signal applications
- Industrial machinery & controls
- Personal healthcare devices

TECHNICAL DOCUMENTS:

- Product Specification 108-1051 (MTA 100 Connectors)
- Application Specification 114-1019 (MTA 100 Connectors)
- MTA Connectors Catalog 82056 (MTA 100 Connectors)

PRODUCT FEATURES

- .100" [2.54mm] centerline spacing
- Audible latch for connection feedback on posted housings
- Wire feed-thru for daisy chaining
- Tin or gold plating
- Up to 28 positions offered and can terminate 28-22 AWG wire
- Offered as both wire-to-board or wire-to-wire system, based on insulation displacement contact (IDC) technology which requires no stripping of wire
- UL recognized parts and conform to UL1410 standards
- Mass termination for low applied costs

PERFORMANCE CHARACTERISTICS

- Dielectric Withstanding Voltage: 750 VAC/1 min.
- Current Rating: 5 amp max.
- Voltage Rating: 250 VAC
- Insulation Resistance: 5000 MΩ min. initial
- Low-Level Resistance: 6 mΩ max. initial
- Operating Temperature: -55°C - +105°C
- The wire-to-post connector housing material is flame retardant thermoplastic, either UL94V-2 or UL94V-0 rated.

1-1773980-9 /19 Original