

182-0424

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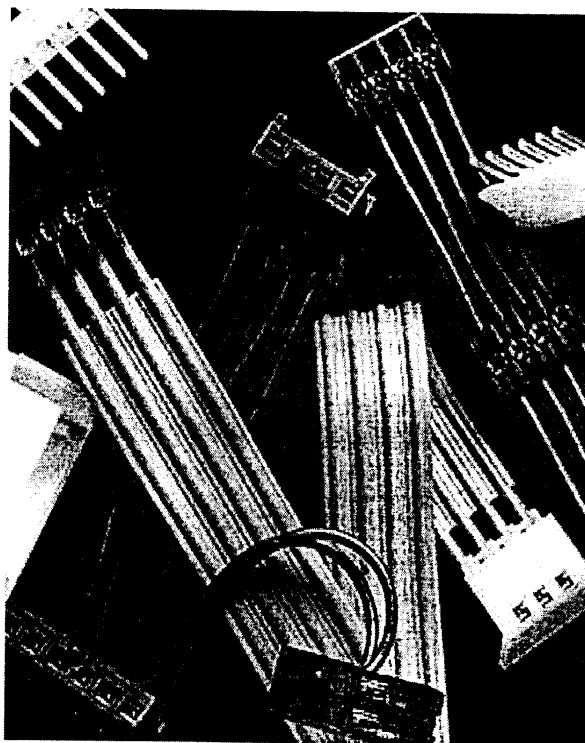


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General Information



.100[2.54] Centerline MTA100 IDC Connectors and Headers



Product Facts

- Connectors and headers for 2 through 28 positions; wire sizes of 22, 24, 26, and 28 AWG [0.40.08] mm²
- WiretoPost Connectors preloaded with dual beam contacts
- Connectors and headers are endtoend stackable
- Connector styles include both closed end and feedthru connectors with locking ramps, with and without polarizing tabs
- Connectors preloaded with IDC contact
- All contacts are slotted for insulation displacement (IDC) terminal technique
- Contacts are lubricated to prevent fretting corrosion
- Benefits derived from the MTA100 system include increased quality and ease of handling such as
 - One step assembly
 - No wire stripping
 - No contact damage
 - Reduced wiring errors

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- Simpler tooling
- Simple maintenance and repair
- Recognized under the Component Program of Underwriters Laboratories

Inc., File No. E28476 ®



- Certified by Canadian Standards Association File No. LR7189



®

Description

MTA100 connectors accept discrete and ribbon cable wire sizes ranging from 2228 AWG [0.40.08 mm²] with maximum insulation outside diameter of .060 [1.52] for terminating single wire and .050[1.27] for mass termination of wires. Tin plated solid, fused stranded, or stranded (7 and 19 strands) wire with PVC insulation can be used on 2224 AWG [0.40.2 mm²] on MTA100 connectors and 7 stranded wire on 2826 [0.090.15 mm²] MTA100 connectors. Only one wire to be terminated into an IDC contact slot.

The wiretopost connector housing material is flame retardant thermoplastic, either UL94V2 or UL94V0 rated.

A full line of .100[2.54] centerline headers completes the system. Headers are available with straight or right angle posts, in flat, polarized or friction lock styles. Headers are available in 2 through 28 positions.

Performance Data*

Voltage Rating:

250 vac

Current Rating:

4 amp max.

Low-Level Resistance:

5 milliohms max. initial

Dielectric Withstanding Voltage:

750 vac/1 min.

Insulation Resistance:

5000 Megaohms min. initial

Operating Temperature:

55°C to +105°C

Technical Documents

Product Specification:

1081050 MTA100 Connectors

Application Specifications:

1141019 MTA100 Connectors

1141031 MTA100 Ribbon Cable Assembly

Need more information?

