



General Information

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|--------------------------|---|
| Kit Part Number: | 2110855-9 |
| Description: | Friction Lock Through Hole Straight Header with Retention Peg, High Profile Right Angle Header and Closed End IDC Connector Kit |
| Application: | Appliance Industries, Coin Changers, Fitness Equipment, Garage Door Openers, Gasoline Pumps, Vending |
| Family: | MTA-100 |
| TE Brand: | AMP Products |
| Solution: | Off the Board |
| Product Type: | Wire-to-Board Connectors |
| Number of Pieces: | 48 |
| RoHS: | Yes |

Specifications

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|--------------------------|-----------------------|
| Circuit Size(s): | 2, 3, 4, 6, 8, 10 |
| Current Rating: | 5A |
| Mounting Style: | Through Hole |
| Orientation: | Straight, Right Angle |
| Pitch: | 2.54mm (.100") |
| Tool Included: | No |
| Voltage Rating: | 250V |
| Wire Gauge (AWG): | 22 |

Product Highlights

The MTA-100 IDC connector system is a wire-to-board and wire-to-wire system with contacts in a single row on .100 [2.54mm] centerline. The design features wire feed-through capability for daisy-chain applications.

Features and Benefits

- Connectors and headers for positions 2-28, shrouded headers 2-14
- Terminates 28-22 AWG discrete wire or notched ribbon cable
- Molded ribs on housing prevent reverse mating
- Color coded housing for wire gauge
- Insulation Displacement Contacts (IDC) eliminates need to strip wires
- Connectors and headers, except shrouded headers, are end-to-end stackable
- Contacts are lubricated for fretting corrosion protection
- 250V, 5A contact rating
- Tin, 15 & 30 gold plating options
- Audible latch for wire-to-wire (posted) housings

Applications

- Garage Door Openers
- Gasoline Pumps
- Household Appliances
- Coin Changers
- Vending Machines
- Fitness Equipment





Bill of Materials

| Part No. | Qty In Kit | Description | Datasheet | P/N Details | Search Distributors Inventory |
|----------------------------|------------|---|---------------------------|-------------------------|-------------------------------|
| 3-640440-2 | 4 | 2 Circuit Closed End Connector | Datasheet | Details | Search |
| 3-640440-3 | 4 | 3 Circuit Closed End Connector | Datasheet | Details | Search |
| 3-640440-4 | 4 | 4 Circuit Closed End Connector | Datasheet | Details | Search |
| 3-640440-6 | 4 | 6 Circuit Closed End Connector | Datasheet | Details | Search |
| 3-640440-8 | 4 | 8 Circuit Closed End Connector | Datasheet | Details | Search |
| 4-640440-0 | 4 | 10 Circuit Closed End Connector | Datasheet | Details | Search |
| 3-647609-2 | 2 | 2 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647609-3 | 2 | 3 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647609-4 | 2 | 4 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647609-6 | 2 | 6 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647609-8 | 2 | 8 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647630-3 | 2 | 3 Circuit High Profile Right Angle Header | Datasheet | Details | Search |
| 3-647630-2 | 2 | 2 Circuit High Profile Right Angle Header | Datasheet | Details | Search |
| 4-647609-0 | 2 | 10 Circuit Friction Lock Straight with Retention Peg Header | Datasheet | Details | Search |
| 3-647630-4 | 2 | 4 Circuit High Profile Right Angle Header | Datasheet | Details | Search |
| 3-647630-6 | 2 | 6 Circuit High Profile Right Angle Header | Datasheet | Details | Search |
| 3-647630-8 | 2 | 8 Circuit High Profile Right Angle Header | Datasheet | Details | Search |
| 4-647630-0 | 2 | 10 Circuit High Profile Right Angle Header | Datasheet | Details | Search |

Recommended Tool

| Part No. | Included in Kit |
|-------------------------|-----------------|
| 58644-1 | No |





