



## General Information

|                          |   |
|--------------------------|---|
| <b>Kit Part Number:</b>  | <a href="#">1-2110855-3</a>   |
| <b>Description:</b>      | Through Hole Flat Straight and Right Angle Header and Closed End IDC Connector Kit                  |
| <b>Application:</b>      | Appliance Industries, Coin Changers, Fitness Equipment, Garage Door Openers, Gas Equipment, Vending |
| <b>Family:</b>           | MTA-100   |
| <b>TE Brand:</b>         | AMP Products  |
| <b>Solution:</b>         | Off the Board   |
| <b>Product Type:</b>     | Wire-to-Board Connectors  |
| <b>Number of Pieces:</b> | 48  |
| <b>RoHS:</b>             | Yes   |

## Specifications

|                          |                       |
|--------------------------|-----------------------|
| <b>Circuit Size(s):</b>  | 2, 3, 4, 6, 8, 10     |
| <b>Current Rating:</b>   | 5A                    |
| <b>Mounting Style:</b>   | Through Hole          |
| <b>Orientation:</b>      | Straight, Right Angle |
| <b>Pitch:</b>            | 2.54mm (.100")        |
| <b>Tool Included:</b>    | No                    |
| <b>Voltage Rating:</b>   | 250V                  |
| <b>Wire Gauge (AWG):</b> | 24                    |

## 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**

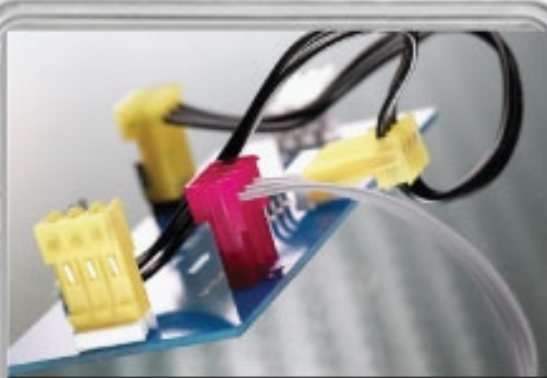
| Part No.                   | Qty In Kit | Description                     | Datasheet                 | P/N Details             | Search Distributors Inventory |
|----------------------------|------------|---------------------------------|---------------------------|-------------------------|-------------------------------|
| <a href="#">3-640441-2</a> | 4          | 2 Circuit Closed End Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-640453-0</a> | 2          | 10 Circuit Right Angle Header   | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640453-8</a>   | 2          | 8 Circuit Right Angle Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640453-6</a>   | 2          | 6 Circuit Right Angle Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640453-4</a>   | 2          | 4 Circuit Right Angle Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640452-6</a>   | 2          | 6 Circuit Straight Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">4-640441-0</a> | 4          | 10 Circuit Closed End Connector | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640441-8</a> | 4          | 8 Circuit Closed End Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640441-6</a> | 4          | 6 Circuit Closed End Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640441-4</a> | 4          | 4 Circuit Closed End Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640441-3</a> | 4          | 3 Circuit Closed End Connector  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640452-4</a>   | 2          | 4 Circuit Straight Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640453-3</a>   | 2          | 3 Circuit Right Angle Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640453-2</a>   | 2          | 2 Circuit Right Angle Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640452-2</a>   | 2          | 2 Circuit Straight Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640452-3</a>   | 2          | 3 Circuit Straight Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640452-8</a>   | 2          | 8 Circuit Straight Header       | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-640452-0</a> | 2          | 10 Circuit Straight Header      | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |

**Recommended Tool**

| Part No.                | Included in Kit |
|-------------------------|-----------------|
| <a href="#">58644-1</a> | No              |







Wire-to-Board Category



Kit Part No. **1-2110855-3**

### AMP MTA-100 Connector Kit

Through Hole Flat Straight and Right Angle Header and Closed End IDC Connector

- .100" Pitch
- 2, 3, 4, 6, 8 and 10 Circuits
- IDC (Isolation-Displacement Contact)
- 24 AWG
- 5 Amps, 250 Volts

Additional kits available at: [www.productkits.com](http://www.productkits.com)

AMP MTA-100 Connector Kit containing typical TE Connectivity products from the TE Connectivity Kit family of products.

**WARNING:** Failure to use all accessories included in this kit (1-2110855) could result in electrical shorts, overheating, and/or fire. Always use proper safety practices when working with electrical components. For more information, visit [www.te.com](http://www.te.com) or contact your local distributor.

**48**  
pieces



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is a registered and trademark  
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