



### General Information

|                          |  |
|--------------------------|--|
| <b>Kit Part Number:</b>  | <a href="#">2110855-5</a>  |
| <b>Description:</b>      | Polarized Through Hole Straight and Right Angle Header and Closed End IDC Connector Kit              |
| <b>Application:</b>      | Appliance Industries, Coin Changers, Fitness Equipment, Garage Door Openers, Gasoline Pumps, 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>Header Type:</b>      | Polarized             |
| <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> | 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 |
|----------------------------|------------|---|---------------------------|-------------------------|-------------------------------|
| <a href="#">640454-2</a>   | 2          | 2 Circuit Polarized Straight Header     | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640454-3</a>   | 2          | 3 Circuit Polarized Straight Header     | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640454-4</a>   | 2          | 4 Circuit Polarized Straight Header     | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640454-6</a>   | 2          | 6 Circuit Polarized Straight Header     | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640454-8</a>   | 2          | 8 Circuit Polarized Straight Header     | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-640454-0</a> | 2          | 10 Circuit Polarized Straight Header    | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640455-2</a>   | 2          | 2 Circuit Polarized Right Angle Header  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640455-3</a>   | 2          | 3 Circuit Polarized Right Angle Header  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640455-4</a>   | 2          | 4 Circuit Polarized Right Angle Header  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640455-6</a>   | 2          | 6 Circuit Polarized Right Angle Header  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">640455-8</a>   | 2          | 8 Circuit Polarized Right Angle Header  | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">1-640455-0</a> | 2          | 10 Circuit Polarized Right Angle Header | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640440-2</a> | 4          | 2 Circuit Closed End Connector          | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640440-3</a> | 4          | 3 Circuit Closed End Connector          | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640440-4</a> | 4          | 4 Circuit Closed End Connector          | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640440-6</a> | 4          | 6 Circuit Closed End Connector          | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">3-640440-8</a> | 4          | 8 Circuit Closed End Connector          | <a href="#">Datasheet</a> | <a href="#">Details</a> | <a href="#">Search</a>        |
| <a href="#">4-640440-0</a> | 4          | 10 Circuit Closed End Connector         | <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              |







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

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**WARNING:** Failure to follow all instructions in Application Specification (2110855-5) (2110855-5) (available at [www.teconnectivity.com](http://www.teconnectivity.com)), including using only equipment TE testing (if applicable), can result in improper installation and/or operation which is dangerous and may cause an unsafe state to which life loss. Should be used only by individuals with proper training and experience.

**48**  
pieces



0 2110855 10030 5

Product from TE Connectivity  
Kits designed and assembled  
by Waldom Electronics.