



### General Information

<b>Kit Part Number:</b>	<a href="#">1-2110855-4</a>
<b>Description:</b>	Shrouded Through Hole Straight and Right Angle Header and Feed Through 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>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="#">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="#">640452-4</a>	2	4 Circuit Straight 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="#">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>
<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="#">640453-3</a>	2	3 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="#">640453-6</a>	2	6 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="#">1-640453-0</a>	2	10 Circuit Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640621-2</a>	4	2 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640621-3</a>	4	3 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640621-4</a>	4	4 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640621-6</a>	4	6 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640621-8</a>	4	8 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">4-640621-0</a>	4	10 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">731000-4</a>	No
<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 Specific Manual (324-0009) (324-0009) (available at [www.te-connectivity.com](http://www.te-connectivity.com)), including using only approved TE marking ("P" application) can result in improper installation and/or improper wiring which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

**48**  
pieces



Product from TE Connectivity  
Kit, designed and assembled  
by Waldom Electronics