



## General Information

<b>Kit Part Number:</b>	<a href="#">1-2110855-0</a>
<b>Description:</b>	Friction Lock Through Hole Straight with Retention Peg, High Profile, 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>	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="#">3-640620-2</a>	4	2 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">4-647630-0</a>	2	10 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647630-8</a>	2	8 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647630-6</a>	2	6 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647630-4</a>	2	4 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647609-3</a>	2	3 Circuit Friction Lock Straight with Retention Peg Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647609-4</a>	2	4 Circuit Friction Lock Straight with Retention Peg Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">4-640620-0</a>	4	10 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640620-8</a>	4	8 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640620-6</a>	4	6 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640620-4</a>	4	4 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-640620-3</a>	4	3 Circuit Feed Through Connector	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647630-3</a>	2	3 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647630-2</a>	2	2 Circuit High Profile Right Angle Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">4-647609-0</a>	2	10 Circuit Friction Lock Straight with Retention Peg Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647609-8</a>	2	8 Circuit Friction Lock Straight with Retention Peg Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647609-6</a>	2	6 Circuit Friction Lock Straight with Retention Peg Header	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-647609-2</a>	2	2 Circuit Friction Lock Straight with Retention Peg 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







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

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**WARNING:** Failure to follow all instructions in Application Specification (SN 525A 12A-0202) (available at [www.teconnectivity.com](http://www.teconnectivity.com)), including using only equipment TE testing is qualified, can result in dangerous conditions and/or damage 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



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