



General Information

Kit Part Number: [1-2110855-0](#)

Description: Friction Lock Through Hole Straight with Retention Peg, High Profile, Right Angle Header and Feed Through 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

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
3-640620-2	4	2 Circuit Feed Through Connector	Datasheet	Details	Search
4-647630-0	2	10 Circuit High Profile Right Angle Header	Datasheet	Details	Search
3-647630-8	2	8 Circuit High Profile Right Angle Header	Datasheet	Details	Search
3-647630-6	2	6 Circuit High Profile Right Angle Header	Datasheet	Details	Search
3-647630-4	2	4 Circuit High Profile Right Angle 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
4-640620-0	4	10 Circuit Feed Through Connector	Datasheet	Details	Search
3-640620-8	4	8 Circuit Feed Through Connector	Datasheet	Details	Search
3-640620-6	4	6 Circuit Feed Through Connector	Datasheet	Details	Search
3-640620-4	4	4 Circuit Feed Through Connector	Datasheet	Details	Search
3-640620-3	4	3 Circuit Feed Through Connector	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
3-647609-8	2	8 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
3-647609-2	2	2 Circuit Friction Lock Straight with Retention Peg Header	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58644-1	No





Additional kits available at: www.productkits.com

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WARNING: Failure to follow all instructions in Application Specification (SN 525, 526-020) (available at www.teconnectivity.com), including using only equipment TE testing is qualified, can result in improper installation and/or assembly which is dangerous and may cause an unsafe condition to exist. Should be used only by individuals with proper training and experience.

48
pieces



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