



### General Information

<b>Kit Part Number:</b>	<a href="#">1-2110852-6</a>
<b>Description:</b>	Deluxe Through Hole Vertical and Right Angle Male Header, Plug and Receptacle Connector Kit
<b>Application:</b>	Appliance Industries, Fan Modules, HVAC Systems, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies
<b>Family:</b>	Universal MATE-N-LOK II
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Off the Board
<b>Product Type:</b>	Wire-to-Board Connectors, Wire-to-Wire Connectors
<b>Number of Pieces:</b>	210
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 5, 6
<b>Color:</b>	White
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	3.75-9.75A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	PCB Through Hole, Free-Hanging
<b>Orientation:</b>	Vertical Headers, Receptacles, Plugs, Right Angle
<b>Pitch:</b>	6.35mm (.250")
<b>Rows:</b>	Single Row, Dual Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	24-18

### Product Highlights

For use where repair or replacement would be difficult. Pins and sockets can be intermixed in the same housing. Available in 2 through 15 circuit sizes for free hanging or panel mount wire-to-wire connection. Mate with standard Universal MATE-N-LOK Housings and PC Board Headers. Uses standard Universal MATE-N-LOK panel cutouts and strain relief.

#### Features and Benefits

- High reliability
- Polarized housings available in UL94V-0 flammability rated material
- Enclosed contacts for shock protection
- Lanceless contacts for tangle-free handling
- Connector design provides for complete contact insertion
- Three-point stabilization precisely controls contact alignment, minimizing stubbing
- Contacts are on .250" (6.35 mm) centerline spacing

#### Applications

- Appliances
- HVAC Systems
- Power Supplies
- Fan Modules



- Lighting
- Wiring Harness Assemblies
- White Goods



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">770017-1</a>	9	Universal MATE-N-LOK II Plug, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770018-1</a>	9	Universal MATE-N-LOK II Plug, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770019-1</a>	6	Universal MATE-N-LOK II Plug, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770020-1</a>	4	Universal MATE-N-LOK II Plug, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770024-1</a>	3	Universal MATE-N-LOK II Receptacle, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770025-1</a>	3	Universal MATE-N-LOK II Receptacle, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770026-1</a>	2	Universal MATE-N-LOK II Receptacle, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770027-1</a>	2	Universal MATE-N-LOK II Receptacle, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770252-1</a>	50	Universal MATE-N-LOK Male Terminals 24-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770253-3-C</a>	100	Universal MATE-N-LOK II Female Terminals 24-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350786-1</a>	3	Universal MATE-N-LOK Vertical Header White Color 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350789-1</a>	3	Universal MATE-N-LOK Vertical Header White Color 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350792-1</a>	2	Universal MATE-N-LOK Vertical Header White Color 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350711-1</a>	2	Universal MATE-N-LOK Vertical Header White Color 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770016-1</a>	2	Universal MATE-N-LOK II Plug, 5 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-350942-0</a>	3	Universal MATE-N-LOK II Right Angle Header White Color 2 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-350943-0</a>	3	Universal MATE-N-LOK II Right Angle Header White Color 3 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-350944-0</a>	2	Universal MATE-N-LOK II Right Angle Header White Color 4 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-350945-0</a>	2	Universal MATE-N-LOK II Right Angle Header, 5 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">91510-1</a>	No








**Wire-to-Wire and Wire-to-Board Category**

**TE** connectivity *Authorized Distributor*

Kit Part No. **1-2110852-6**

## Universal MATE-N-LOK II Connector Kit

Deluxe Through Hole Vertical and Right Angle Male Header, Plug and Receptacle

- 6.35mm Pitches
- 2, 3, 4, 5 and 6 Circuits
- Secondary Housings for Contact Retention
- Male and Female Crimp Terminals: 24-18 AWG
- 3.75-9.75 Amps<sup>1</sup>, 600 Volts
- Flammability Rating: UL 94V-0

<sup>1</sup> Depends on AWG

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

Universal MATE-N-LOK II Connectors offer current ratings up to 15 Amps when used with 30 AWG wire and applicable contacts. MATE-N-LOK, TE Connectivity, TE connectivity logo and TE logo are trademarks of the TE Connectivity Ltd. family of companies.

**WARNING:** Failure to follow all instructions in Application Specification 334-3340 (available at [www.te.com/resources](http://www.te.com/resources)), including using only approved TE wiring (if applicable), can result in improper installation and/or wiring which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

**210** pieces



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