



## General Information

<b>Kit Part Number:</b>	<a href="#">2110852-8</a>
<b>Description:</b>	Matrix and Single Row Vertical Header and Plug 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
<b>Number of Pieces:</b>	128
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6, 9
<b>Color:</b>	White
<b>Crimp Terminal:</b>	Female
<b>Current Rating:</b>	4.5-13A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	PCB Through Hole
<b>Orientation:</b>	Vertical Plugs, Vertical Headers
<b>Pitch:</b>	6.35mm (.250")
<b>Rows:</b>	Single Row, Matrix
<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] centerline spacing

### Applications

- 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="#">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="#">770017-1</a>	4	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>	3	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>	3	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>	2	Universal MATE-N-LOK II Plug, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770021-1</a>	2	Universal MATE-N-LOK II Plug, 9 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350786-1</a>	4	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>	3	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="#">350712-1</a>	2	Universal MATE-N-LOK Vertical Header White Color 9 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-Board Category**



**TE** connectivity  
Authorized Distributor

Kit Part No. **2110852-8**

## Universal MATE-N-LOK II Connector Kit

Matrix and Single Row Vertical Header and Plug

- 6.35mm Pitch
- 2, 3, 4, 6 and 9 Circuits
- Female Crimp Terminals: 24-38 AWG
- 4.5-13 Amps\*, 600 Volts
- Flammability Rating: UL 94V-0

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

Universal MATE-N-LOK II Connectors offer current ratings up to 13 Amps when used with 12 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 (29-1200) (available at [www.te-connectivity.com](http://www.te-connectivity.com)) including wire size approval (TE housing (if applicable)) can result in improper installation and/or resulting effect in damage and may void or interfere to electrical tests. Please be sure only to install with proper training and equipment.

**128**  
pieces



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Product from TE Connectivity, 8141 designed and assembled by Waldom Electronics.