



### General Information

<b>Kit Part Number:</b>	<a href="#">2110852-3</a>
<b>Description:</b>	Right Angle Male 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
<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>	138
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6, 8
<b>Color:</b>	White
<b>Crimp Terminal:</b>	Female
<b>Current Rating:</b>	5.62-12.7A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Through Hole
<b>Orientation:</b>	Right Angle
<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>	20-14

### Product Highlights

The Universal MATE-N-LOK connector system is a robust and highly reliable connector system that utilizes a combination of pins and sockets intermixed in the plug and cap (receptacle) housings to achieve the maximum electrical performance in a 6.35mm centerline. The Universal MATE-N-LOK housings feature positive polarization, positive locking and rear cavity identification in every housing allowing for easy, error proof assembly. The contacts are completely enclosed in housings, have low mating force and are removable to maintain flexibility in the system. In addition to the standard panel mount, free hanging and wire-to-board capability in vertical or right angle options, the Universal MATE-N-LOK connector system offers additional designs including circular, flanged, bulkhead, sealed and colored housings to offer a solution for nearly every application.

#### Features and Benefits

- Pins and sockets can be intermixed in the same housing
- Contacts completely enclosed in housings
- Positive polarization
- UL 94V-O flame retardant material
- Positive locking housings
- Removable, crimp snap-in contacts
- Dual locking lances provide optimum contact stability
- Low contact mating force



## 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="#">350550-1-C</a>	100	Universal MATE-N-LOK Female Terminals 20-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350777-1</a>	5	Universal MATE-N-LOK Plug, White Color, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350766-1</a>	5	Universal MATE-N-LOK Plug, White Color, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350779-1</a>	4	Universal MATE-N-LOK Plug, White Color, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">640581-1</a>	3	Universal MATE-N-LOK Plug, White Color, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">640582-1</a>	2	Universal MATE-N-LOK Plug, White Color, 8 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-350942-0</a>	5	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>	5	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>	4	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="#">640583-1</a>	3	Universal MATE-N-LOK Plug, White Color, 8 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">640584-1</a>	2	Universal MATE-N-LOK Plug, White Color, 8 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">91500-1</a>	No









**Wire-to-Board Category**



Authorized Distributor

Kit Part No. **2110852-3**

## Universal MATE-N-LOK Connector Kit

### Right Angle Male Header and Plug

- 6.35mm Pitch
- 2, 3, 4, 6, and 8 Circuits
- Female Crimp Terminals: 20-14 AWG
- 5.62-12.7 Amps<sup>1</sup>, 600 Volts
- Color(s): White
- Flammability Rating: UL 94V-0

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

Universal MATE-N-LOK Connectors offer current ratings up to 24.0 Amps when used with 20 AWG wire and applicable contacts. MATE-N-LOK, TE Connectivity, TE Connectivity Design and TE Design are trademarks of the TE Connectivity Ltd. family of companies.

**REMARK:** Failure to follow all instructions in Application Specifications (3-13-1233) (available at [www.teconnectivity.com](http://www.teconnectivity.com)) regarding wire size, terminal crimping, and application, can result in improper performance and/or reliability which is dangerous and may result in damage to electrical lines. Should be used only by individuals with proper training and experience.

**138**  
pieces



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