



## General Information

<b>Kit Part Number:</b>	<a href="#">1-2110852-3</a>
<b>Description:</b>	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>	Mini-Universal MATE-N-LOK
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Sealed
<b>Product Type:</b>	Wire-to-Wire Connectors
<b>Number of Pieces:</b>	290
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	2, 4, 6
<b>Color:</b>	White
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	4.5-9A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Free-Hanging
<b>Orientation:</b>	Receptacles, Plugs
<b>Pitch:</b>	4.14mm (.163")
<b>Rows:</b>	Single Row, Matrix
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	22-18

## Product Highlights

The Mini-Universal MATE-N-LOK connector system is a compact and durable connector system that utilizes a combination of pins and sockets intermixed in the plug and cap housings to achieve the maximum electrical performance in a 4.14mm centerline. The Mini-Universal MATE-N-LOK housings are fully polarized to provide proper plug-to-cap mating incorporating a positive locking mechanism to help prevent accidental disengagement of mated connectors. The contacts are completely enclosed in housings, have low mating force and are removable to maintain flexibility in the system. Not only is the Mini-Universal MATE-N-LOK connector system available in the standard panel mount, free hanging and wire-to-board capability, it also offers a sealed connector system ideal wherever moisture resistance is required or where there is high humidity, intermittent liquid splashing, or foam-in applications.

### Features and Benefits

- Compact, durable housings
- Pins and sockets can be accommodated in the same housings
- Contacts fully protected in the housings
- Both pins and sockets can be used on the power supply wiring
- Fully polarized to provide proper plug-to-cap mating incorporating a positive locking mechanism to help prevent accidental disengagement of mated connectors
- Also facilitates panel mounting
- Low insertion/extraction forces



## 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="#">770987-1-C</a>	100	Male Terminals 22-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794894-1</a>	5	Mini-Universal MATE-N-LOK Plug Sealed, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794805-1</a>	3	Mini-Universal MATE-N-LOK Plug Sealed, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794895-1</a>	2	Mini-Universal MATE-N-LOK Plug Sealed, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770988-1-C</a>	100	Female Terminals 22-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794896-1</a>	5	Mini-Universal MATE-N-LOK Receptacle Sealed, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794939-1</a>	3	Mini-Universal MATE-N-LOK Receptacle Sealed, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794940-1</a>	2	Mini-Universal MATE-N-LOK Receptacle Sealed, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794772-2</a>	5	Mini-Universal MATE-N-LOK Interface Seal, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794772-4</a>	3	Mini-Universal MATE-N-LOK Interface Seal, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794772-6</a>	2	Mini-Universal MATE-N-LOK Interface Seal, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794995-1</a>	10	Mini-Universal MATE-N-LOK Cavity Plug	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794758-1</a>	50	Mini-Universal MATE-N-LOK Wire Seal, 1 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">91002-1</a>	No
<a href="#">189727-1</a>	No
<a href="#">91522-1</a>	No







**Wire-to-Wire Category**

**TE** connectivity Authorized Distributor

Kit Part No. **1-2110852-3**

**Sealed Mini Universal MATE-N-LOK Connector Kit**

Plug and Receptacle

- 4.14mm Pitch
- 2, 4 and 6 Circuits
- Male and Female Crimp Terminals: 22-18 AWG
- 4.5-9 Amps, 600 Volts
- Flammability Rating: UL 94V-0

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

Mini Universal MATE-N-LOK Connectors offer current ratings up to 9.5 Amps when used with 22-18 AWG wires and applicable contacts. MATE-N-LOK/TE Connectors TE Connectors Inc. and TE Connectivity are trademarks of TE Connectivity Ltd. © 2014 TE Connectivity.

**WARNING:** Failure to follow all instructions and cautions can result in fire, explosion, or other hazardous conditions. This product is not intended for use in applications where safety is critical. Use only as intended. Do not use in applications where safety is critical. Use only as intended. Do not use in applications where safety is critical.

**290**  
pieces

0 1015 16381 3

Product from TE Connectivity  
EOL designed and assembled in  
Waldom, U.S.A.