



### 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







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, 650 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 MATE-N-LOK crimping and assembly contacts. MATE-N-LOK Connectors TE connects to TE crimping tools and TE crimping terminals. © 2012 TE Connectivity Ltd. All rights reserved.

**WARNING:** Failure to follow all instructions in this literature, Specification 124-005.7, (available at www.teconnectivity.com) including using only approved TE loading (if applicable), can result in improper installation and/or wiring which is dangerous and may cause or contribute to electrical fires. This literature is not to be used by individuals with improper training and experience.

**290**  
pieces



Product from TE Connectivity  
(EPC designed and assembled in  
Waldom 1, Asia region)