



### General Information

<b>Kit Part Number:</b>	<a href="#">1-2110852-7</a>
<b>Description:</b>	Deluxe Sealed Plug, Receptacle and Components Kit
<b>Application:</b>	Appliance Industries, Fan Modules, 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>	Free Hanging, Sealed
<b>Product Type:</b>	Wire-to-Wire Connectors
<b>Number of Pieces:</b>	544
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6
<b>Color:</b>	White
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	4.5-9A, 7.5-17A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Free-Hanging
<b>Orientation:</b>	Receptacles, Plugs
<b>Pitch:</b>	4.14mm (.163"), 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>	20-14, 22-18

### 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. 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

- 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
- 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.

#### 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="#">770377-1</a>	10	Universal MATE-N-LOK Keying/Sealing Plug	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350547-1-C</a>	100	Universal MATE-N-LOK Male Terminals 20-14 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<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="#">794271-1</a>	5	Universal MATE-N-LOK Interface Seal Accessory for 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794272-1</a>	10	Universal MATE-N-LOK Seal Protector Accessory for 3 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="#">350767-1</a>	5	Universal MATE-N-LOK Receptacle, White Color, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794275-1</a>	3	Universal MATE-N-LOK Interface Seal Accessory for 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794276-1</a>	6	Universal MATE-N-LOK Seal Protector Accessory for 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350715-1</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="#">350781-1</a>	3	Universal MATE-N-LOK Receptacle, White Color, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794274-1</a>	1	Universal MATE-N-LOK In-Line Wire Seal, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794273-1</a>	1	Universal MATE-N-LOK In-Line Interface Seal, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1604256-1</a>	1	Universal MATE-N-LOK Bulkhead Sealed Receptacle, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350779-1</a>	1	Universal MATE-N-LOK Plug, White Color, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<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="#">91529-1</a>	No
<a href="#">189727-1</a>	No
<a href="#">91522-1</a>	No





Kit Part No: **1-2110852-7**

**TE** | Wire-to-Wire Category

### BILL OF MATERIALS

To order the kit please visit [www.products.tte.com/day/1-2110852-7](http://www.products.tte.com/day/1-2110852-7)

TE Part No.		Qty		Description
1000000	1	1	1	Terminal Block, 20 Pin, 1000000 Series
1000001	1	1	1	Terminal Block, 20 Pin, 1000001 Series
1000002	1	1	1	Terminal Block, 20 Pin, 1000002 Series
1000003	1	1	1	Terminal Block, 20 Pin, 1000003 Series
1000004	1	1	1	Terminal Block, 20 Pin, 1000004 Series
1000005	1	1	1	Terminal Block, 20 Pin, 1000005 Series
1000006	1	1	1	Terminal Block, 20 Pin, 1000006 Series
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1000097	1	1	1	Terminal Block, 20 Pin, 1000097 Series
1000098	1	1	1	Terminal Block, 20 Pin, 1000098 Series
1000099	1	1	1	Terminal Block, 20 Pin, 1000099 Series
1000100	1	1	1	Terminal Block, 20 Pin, 1000100 Series

Kit Diagram  
View edge drawings...

NOTE: Recommended Storage Temp: 0°C to 40°C (32°F to 104°F) (see datasheet)  
 Address kit online at: [www.products.tte.com](http://www.products.tte.com) or contact a TE Connectivity authorized distributor






**Wire-to-Wire Category**

 *Authorized Distributor*

Kit Part No. **1-2110852-7**

## Sealed Universal MATE-N-LOK and Mini Universal MATE-N-LOK Connector Kit

Deluxe Sealed Plug, Receptacle and Components

- 4.14 and 6.35mm Pitches
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 22-18 and 20-14 AWG
- 7.5-17 and 4.5-9 Amps\*, 600 Volts
- Flammability Rating: UL 94V-0

\*See note on AWG

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

Universal MATE-N-LOK Connectors offer current ratings up to 28 Amps when used with 30 AWG and 9.5 Amps when used with 18 AWG wire and applicable crimpable MATE-N-LOK, TE Connectivity, TE Connectivity (Japan) and TE (Japan) are trademarks of the TE Connectivity Ltd. family of companies.

**WARNING:** Failure to follow all instructions in Application Specifications 134-3330, 134-3402, 134-13391 (available at [www.te.com/resources](http://www.te.com/resources)), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

**552** pieces



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

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