



### General Information

<b>Kit Part Number:</b>	<a href="#">2110852-4</a>
<b>Description:</b>	Panel Mount Plug and Receptacle with Extraction Tool Connector 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>	Panel Mount
<b>Product Type:</b>	Wire-to-Wire Connectors
<b>Number of Pieces:</b>	239
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	2, 3, 6, 9, 12
<b>Color:</b>	Natural
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	6.5-17A
<b>Flammability Rating:</b>	UL94V-2
<b>Mounting Style:</b>	Panel Mount, Free-Hanging
<b>Orientation:</b>	Receptacles, Plugs
<b>Pitch:</b>	6.35mm (.250")
<b>Rows:</b>	Single Row, Matrix
<b>Tool Included:</b>	Yes
<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="#">1-480698-0</a>	6	Universal MATE-N-LOK Free-Hanging Plug, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480699-0</a>	6	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 2 ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480700-0</a>	5	Universal MATE-N-LOK Free-Hanging Plug, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480701-0</a>	5	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 3 ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480705-0</a>	4	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 6 ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480707-0</a>	3	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 9 ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480709-0</a>	1	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 12...	<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="#">1804030-1</a>	1	Universal MATE-N-LOK Extraction Tool		<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480704-0</a>	4	Universal MATE-N-LOK Free-Hanging Plug, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480706-0</a>	3	Universal MATE-N-LOK Free-Hanging Plug, 9 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480708-0</a>	1	Universal MATE-N-LOK Free-Hanging Plug, 12 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
<a href="#">1804030-1</a>	Yes









**Wire-to-Wire Category**



**TE** connectivity  
Authorized Distributor

Kit Part No. **2110852-4**

## Universal MATE-N-LOK Connector Kit

Panel Mount Plug and Receptacle with Extraction Tool

- 6.35mm Pitch
- 2, 3, 6, 9 and 12 Circuits
- Male and Female Crimp Terminals: 20-14 AWG
- 6.5-17 Amps\*, 600 Volts
- Color(s): Natural
- Flammability Rating: UL 94V-2

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

Universal MATE-N-LOK Connectors offer current ratings up to 17 Amps when used with 10 AWG wire and application 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 (39-1208) (available at [www.te-connectivity.com](http://www.te-connectivity.com)) including wire and approved PE marking (if applicable), can result in improper installation and/or resulting effect in fire and/or explosion and may void or interfere with electrical tests. Please be sure only to install with proper training and equipment.

**239**  
pieces



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