



### General Information

<b>Kit Part Number:</b>	<a href="#">2-2110852-9</a>
<b>Description:</b>	Deluxe Single and Dual Row Vertical and Right Angle Header, Plug and Receptacle Kit
<b>Application:</b>	Commercial Lighting, Consumer Lighting, LED Lighting Applications
<b>Family:</b>	Micro MATE-N-LOK
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Off the Board
<b>Product Type:</b>	Wire-to-Board Connectors, Wire-to-Wire Connectors
<b>Number of Pieces:</b>	334
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6
<b>Color:</b>	Black
<b>Crimp Terminal:</b>	Male and Female
<b>Current Rating:</b>	5A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	SMT (Surface Mount Technology), Panel Mount, PCB Through Hole
<b>Orientation:</b>	Vertical Headers, Receptacles, Plugs, Right Angle Headers
<b>Pitch:</b>	3.00mm (.118")
<b>Rows:</b>	Single Row, Dual Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	24-20

### Product Highlights

Contacts are on 3 mm [.118] centerline spacing. 2-12 contact positions &ndash; single row. 2-24 contact positions &ndash; dual row. Panel mount or free-hanging wire-to-wire configurations. Dual beam contact design for reliable interconnection. Contacts accept 24-20 [0.2-0.6] and 30-26 [0.05-0.15] AWG wire with insulation diameter of .060 [1.52] maximum. Contacts available in strip form or loose piece. PCB mount pin header assemblies in both vertical and right-angle styles. Surface mount or through hole PCB pin header attachment. PCB headers are IR reflow process compatible.

#### Features and Benefits

- Less than 4.7 mm in vertical height required
- Right angle surface mount headers with surface mount hold-downs
- Positive latching to prevent unmating
- 2, 3, and 4 positions available
- Black and natural colors available

#### Applications

- LED Lighting Applications
- Consumer Lighting:
  - Shelf/Cabinet
  - Under Counter
  - Cove Lighting



- Commercial Lighting:
- Signage
- Refrigeration
- Display Cases



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">794610-1-C</a>	100	Micro MATE-N-LOK Female Terminals 24-20 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-794612-0-C</a>	100	Micro MATE-N-LOK Male Terminals 24-20 AWG 100/pk	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445022-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Receptacle Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445022-3</a>	4	Micro MATE-N-LOK, 3 Circuits, Receptacle Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445022-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Receptacle Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445050-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Vertical Header Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445050-3</a>	4	Micro MATE-N-LOK, 3 Circuits, Vertical Header Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445050-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Vertical Header Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445055-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Through-Hole with Plastic Boar...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445055-3</a>	4	Micro MATE-N-LOK, 3 Circuits, Through-Hole with Plastic Boar...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1445055-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Through-Hole with Plastic Boar...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794617-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Receptacle Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794617-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Receptacle Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794617-6</a>	4	Micro MATE-N-LOK, 6 Circuits, Receptacle Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794630-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Vertical Header Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794630-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Vertical Header Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794630-6</a>	4	Micro MATE-N-LOK, 6 Circuits, Vertical Header Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794618-2</a>	5	Micro MATE-N-LOK, Through-Hole with Plastic Boardlock, 2 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794618-4</a>	4	Micro MATE-N-LOK, Through-Hole with Plastic Boardlock, 4 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">3-794618-6</a>	4	Micro MATE-N-LOK, Through-Hole with Plastic Boardlock, 6 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029047-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Receptacle Low Profile 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029047-3</a>	5	Micro MATE-N-LOK, 3 Circuits, Receptacle Low Profile 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029047-4</a>	5	Micro MATE-N-LOK, 4 Circuits, Receptacle Low Profile 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029030-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Surface Mount, Right Angle Hea...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029030-3</a>	5	Micro MATE-N-LOK, 3 Circuits, Surface Mount, Right Angle Hea...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2029030-4</a>	5	Micro MATE-N-LOK, 4 Circuits, Surface Mount, Right Angle Hea...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445048-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Plug Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445048-3</a>	4	Micro MATE-N-LOK, 3 Circuits, Plug Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1445048-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Plug Single Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>



<a href="#">794615-2</a>	5	Micro MATE-N-LOK, 2 Circuits, Plug Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794615-4</a>	4	Micro MATE-N-LOK, 4 Circuits, Plug Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">794615-6</a>	4	Micro MATE-N-LOK, 6 Circuits, Plug Dual Row 3mm	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">91501-1</a>	No







**Wire-to-Wire and Wire-to-Board Category**

**TE** connectivity Authorized Distributor

Kit Part No. **2-2110852-9**

## Micro MATE-N-LOK and Low Profile Micro MATE-N-LOK Connector Kit

Deluxe Single and Dual Row Vertical and Right Angle Header, Plug and Receptacle

- 3.0mm Pitch
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 24-20 AWG
- 5 Amps (Max.), 250 Volts
- Flammability Rating: UL 94V-0

\*RoHS-compliant parts

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

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**WARNING:** Failure to follow all instructions in Application Specification 114-13000 (available at [www.te.com/documents](http://www.te.com/documents)), including using only approved TE wiring (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.

**334** pieces

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