



## General Information

|                          |                                                                            |
|--------------------------|----------------------------------------------------------------------------|
| <b>Kit Part Number:</b>  | <a href="#">2-2110852-8</a>                                                |
| <b>Description:</b>      | Surface Mount Single Row Low Profile Right Angle Header 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                                                   |
| <b>Number of Pieces:</b> | 80                                                                         |
| <b>RoHS:</b>             | Yes                                                                        |

## Specifications

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| <b>Circuit Size(s):</b>     | 2, 3, 4                                          |
| <b>Color:</b>               | Black                                            |
| <b>Crimp Terminal:</b>      | Female                                           |
| <b>Current Rating:</b>      | 5A                                               |
| <b>Flammability Rating:</b> | UL94V-0                                          |
| <b>Mounting Style:</b>      | SMT (Surface Mount Technology), PCB Through Hole |
| <b>Orientation:</b>         | Right Angle Headers                              |
| <b>Pitch:</b>               | 3.00mm (.118")                                   |
| <b>Product/Type:</b>        | Receptacle                                       |
| <b>Rows:</b>                | Single 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="#">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="#">794610-1</a>  | 50         | Micro MATE-N-LOK Female Terminals 24-20 AWG                     | <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              |





