



# MICRO MATE-N-LOK CONNECTOR SYSTEM

## Quick Reference Guide

TE Connectivity (TE)'s Micro MATE-N-LOK 3mm connector system offers wire-to-wire and wire-to-board connections with contacts on a 3mm (0.118) centerline and current ratings up to 5 Amps max. per line. Both single-row and dual-row configurations are available. Crimp, snap-in pin and receptacle contacts are used to terminate 30-18 (0.05-0.9mm<sup>2</sup>) AWG wire with insulation diameters up to 1.52mm. Plug and receptacle housings allow wire-to-wire and wire-to-panel configurations and header assemblies offer wire-to-board connections in vertical and right angle configurations. These infrared (IR) reflow process compatible headers are available in through-hole and surface mount configurations with multiple board mount options.

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## FEATURES AND BENEFITS

- Wire-to-wire and wire-to-board pin and receptacle connector system
- Contacts are on 3mm centerline spacing and are available in strip form or loose piece
- Panel mount or free-hanging versions
- Dual beam receptacle contact design for improved reliability
- PCB mount pin header assemblies available in both vertical and right angle styles and surface mount or through hole versions
- Available in low profile design (<4.7mm)
- Discrete wire interconnect available in 2-12 position single row and 2-24 position dual row
- Housings available to accommodate 18 AWG wire in select circuits up to 6 position
- UL, CSA and VDE approved
- Multiple flammability options, including UL 94 V-0, UL 94 V-2, and glow wire tested (GWT\*)

## PRODUCT APPLICATIONS

- Household appliances
- Lighting
- Factory automation
- Data storage
- Gaming
- Vending
- Garage door openers
- Security systems

## ADDITIONAL INFORMATION

For more information about the TE Connectivity Micro MATE-N LOK connector offerings, please refer to these resources:

- [Micro MATE-N-LOK connector product landing page](#)
- [Product Specification 108-1836](#)
- [Application Specification 114-13000](#)

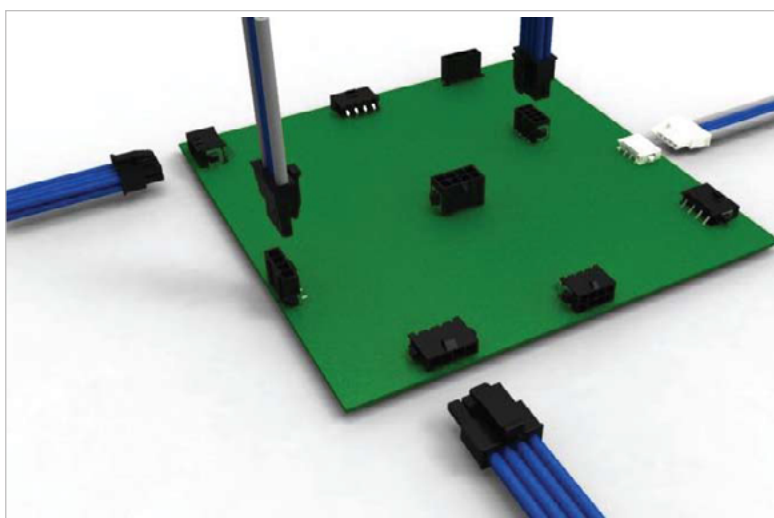
\*For more information on glow wire testing please review the [white paper Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#).

## CONTACTS

| Wire Size<br>Range AWG<br>(mm <sup>2</sup> ) | Insulation<br>Diameter<br>Range | Receptacle | Pin | Contact Base Part No. (PN) |             | Plating                    |                            |                            | Application<br>Tooling*   | Hand Tool                            |
|----------------------------------------------|---------------------------------|------------|-----|----------------------------|-------------|----------------------------|----------------------------|----------------------------|---------------------------|--------------------------------------|
|                                              |                                 |            |     | Strip Form                 | Loose Piece | Tin                        | 15μ Gold                   | 30μ Gold                   |                           |                                      |
| 26-30<br>0.12-0.05                           | .035-.060<br>0.89-1.52          | x          | -   | 794607                     | 794611      | <a href="#">794607-1</a>   | <a href="#">1-794607-1</a> | <a href="#">1-794607-2</a> | <a href="#">2151142-1</a> | <a href="#">91502-1</a>              |
|                                              |                                 |            |     |                            |             | <a href="#">794611-1</a>   | <a href="#">1-794611-1</a> | <a href="#">1-794611-2</a> |                           |                                      |
| 20-24<br>0.50-0.20                           | .035-.060<br>0.89-1.52          | x          | -   | 794606                     | 794610      | <a href="#">794606-1</a>   | <a href="#">1-794606-1</a> | <a href="#">1-794606-2</a> | <a href="#">2151022-1</a> | <a href="#">91501-1</a>              |
|                                              |                                 |            |     |                            |             | <a href="#">794610-1</a>   | <a href="#">1-794610-1</a> | <a href="#">1-794610-2</a> |                           |                                      |
| 22-18<br>0.3-0.9                             | .059-.110<br>1.50-2.79          | x          | -   | 2008625                    | -           | <a href="#">2008625-1</a>  | <a href="#">2008625-2</a>  | <a href="#">2008625-3</a>  | <a href="#">2266495-1</a> | <a href="#">2389863-1</a><br>(18AWG) |
| 26-30<br>0.12-0.05                           | .035-.060<br>0.89-1.52          | -          | x   | 794609                     | 794613      | <a href="#">1-794609-0</a> | <a href="#">1-794609-1</a> | <a href="#">1-794609-2</a> | <a href="#">2836146-1</a> | <a href="#">91502-1</a>              |
|                                              |                                 |            |     |                            |             | <a href="#">1-794613-0</a> | <a href="#">1-794613-1</a> | <a href="#">1-794613-2</a> |                           |                                      |
| 20-24<br>0.50-0.20                           | .035-.060<br>0.89-1.52          | -          | x   | 794608                     | 794612      | <a href="#">1-794608-0</a> | <a href="#">1-794608-1</a> | <a href="#">1-794608-2</a> | <a href="#">2151616-1</a> | <a href="#">91501-1</a>              |
|                                              |                                 |            |     |                            |             | <a href="#">1-794612-0</a> | <a href="#">1-794612-1</a> | <a href="#">1-794612-2</a> |                           |                                      |

\* For application tooling, see 114-13000 for AMPOMATOR CLS machine, AMP-O-ELECTRIC Model K terminator and AMP-O-ELECTRIC Model G terminator.

**Note:** To select a contact and plating, first select the contact base part number and add appropriate plating prefix and suffix. For example, for a loose piece receptacle with 30μ gold plating, select base part number 794610 and add the plating prefix and suffix for 30μ gold to obtain part number [1-794610-2](#).



## SINGLE ROW HEADERS

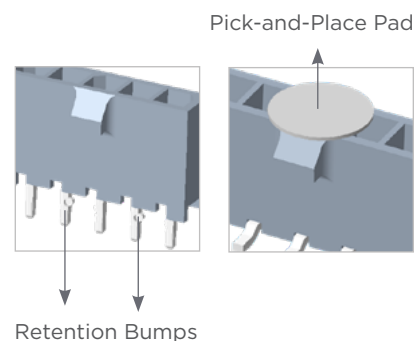
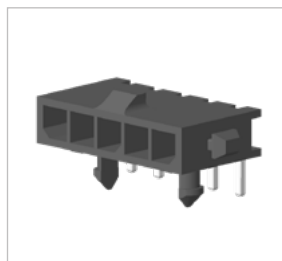
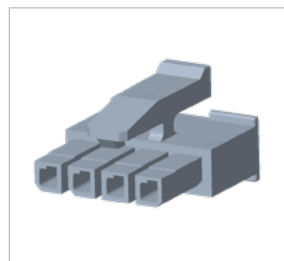
| Part No. (PN) | Position | Single Row | Plating Style |          |          | Vertical | Right Angle | SMT | Thruhole | SMT Hold Down | Thru-hole Metal Hold Down | Plastic Hold Down | Pick-and-Place Pad | Retention feature on Solder Tail | Packing Type |               | Mating Half |
|---------------|----------|------------|---------------|----------|----------|----------|-------------|-----|----------|---------------|---------------------------|-------------------|--------------------|----------------------------------|--------------|---------------|-------------|
|               |          |            | Tin           | 15µ gold | 30µ gold |          |             |     |          |               |                           |                   |                    |                                  | Tray         | Tape and Reel |             |
| x-1445050-x   | 2-12     | x          | x             |          |          | x        |             |     | x        |               |                           | x                 |                    | x                                | x            |               | x-1445022-x |
| x-1445051-x   | 2-12     | x          | x             |          |          | x        |             |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445052-x   | 2-12     | x          | x             |          |          | x        |             | x   |          |               | x                         |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445053-x   | 2-12     | x          | x             |          |          | x        |             | x   |          | x             |                           |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445054-x   | 2-12     | x          | x             |          |          |          | x           |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445055-x   | 2-12     | x          | x             |          |          |          | x           |     | x        |               |                           | x                 |                    |                                  | x            |               | x-1445022-x |
| x-1445056-x   | 2-12     | x          | x             |          |          |          | x           | x   |          |               | x                         |                   |                    |                                  |              | x             | x-1445022-x |
| x-1445057-x   | 2-12     | x          | x             |          |          |          | x           | x   |          | x             |                           |                   |                    |                                  |              | x             | x-1445022-x |
| x-1445084-x   | 2-12     | x          |               | x        |          | x        |             |     | x        |               |                           | x                 |                    | x                                | x            |               | x-1445022-x |
| x-1445085-x   | 2-12     | x          |               | x        |          | x        |             |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445086-x   | 2-12     | x          |               | x        |          | x        |             | x   |          |               | x                         |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445087-x   | 2-12     | x          |               | x        |          | x        |             | x   |          | x             |                           |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445088-x   | 2-12     | x          |               | x        |          |          | x           |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445089-x   | 2-12     | x          |               | x        |          |          | x           |     | x        |               |                           | x                 |                    |                                  | x            |               | x-1445022-x |
| x-1445090-x   | 2-12     | x          |               | x        |          |          | x           | x   |          |               | x                         |                   |                    |                                  |              | x             | x-1445022-x |
| x-1445091-x   | 2-12     | x          |               | x        |          |          | x           | x   |          | x             |                           |                   |                    |                                  |              | x             | x-1445022-x |
| x-1445093-x   | 2-12     | x          |               |          | x        | x        |             |     | x        |               |                           | x                 |                    | x                                | x            |               | x-1445022-x |
| x-1445094-x   | 2-12     | x          |               |          | x        | x        |             |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445095-x   | 2-12     | x          |               |          | x        | x        |             | x   |          |               | x                         |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445096-x   | 2-12     | x          |               |          | x        | x        |             | x   |          | x             |                           |                   | x                  |                                  |              | x             | x-1445022-x |
| x-1445097-x   | 2-12     | x          |               |          | x        |          | x           |     | x        |               | x                         |                   |                    |                                  | x            |               | x-1445022-x |
| x-1445098-x   | 2-12     | x          |               |          | x        |          | x           |     | x        |               |                           | x                 |                    |                                  | x            |               | x-1445022-x |
| x-1445099-x   | 2-12     | x          |               |          | x        |          | x           | x   |          |               | x                         |                   |                    |                                  |              | x             | x-1445022-x |
| x-1445100-x   | 2-12     | x          |               |          | x        |          | x           | x   |          | x             |                           |                   |                    |                                  |              | x             | x-1445022-x |

## PART NUMBER EXPLANATION

|        |                    |
|--------|--------------------|
| 2-PN-2 | 2 Position Header  |
| 2-PN-3 | 3 Position Header  |
| 2-PN-4 | 4 Position Header  |
| 2-PN-5 | 5 Position Header  |
| 2-PN-6 | 6 Position Header  |
| 2-PN-7 | 7 Position Header  |
| 2-PN-8 | 8 Position Header  |
| 2-PN-9 | 9 Position Header  |
| 3-PN-0 | 10 Position Header |
| 3-PN-1 | 11 Position Header |
| 3-PN-2 | 12 Position Header |

**Note:** To select the complete part number,

- Use 2- prefix for single row headers up to 9 positions
- Use 3- prefix for single row headers from 10 to 12 positions
- The -X suffix indicates number of positions  
(Example: 2-1445050-5 would be a 5 position header.  
3-1445050-1 would be an 11 position header)



Retention Bumps

## DOUBLE ROW HEADERS

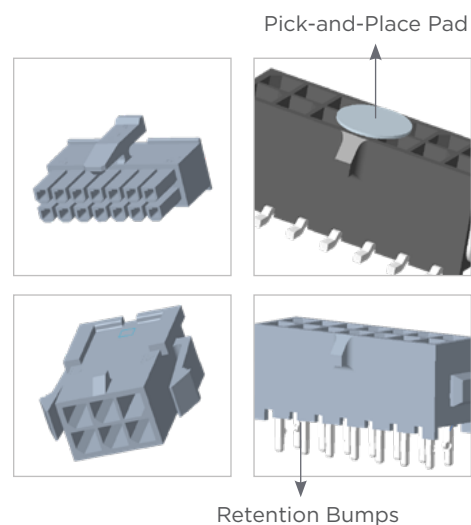
| Part No. (PN) | Position | Double Row | Plating Style |          |          | Vertical | Right Angle | SMT | Thruhole | SMT Hold Down | Metal Hold Down | Plastic Hold Down | Pick-and-Place Pad | Retention feature on Solder Tail | Packing Type |               | Mating Half |
|---------------|----------|------------|---------------|----------|----------|----------|-------------|-----|----------|---------------|-----------------|-------------------|--------------------|----------------------------------|--------------|---------------|-------------|
|               |          |            | Tin           | 15µ gold | 30µ gold |          |             |     |          |               |                 |                   |                    |                                  | Tray         | Tape and Reel |             |
| x-794618-x    | 2-24     | x          | x             |          |          |          | x           |     | x        |               |                 | x                 |                    |                                  | x            |               | x-794617-x  |
| x-794619-x    | 2-24     | x          |               | x        |          |          | x           |     | x        |               |                 | x                 |                    |                                  | x            |               | x-794617-x  |
| x-794620-x    | 2-24     | x          |               |          | x        |          | x           |     | x        |               |                 | x                 |                    |                                  | x            |               | x-794617-x  |
| x-794621-x    | 2-24     | x          | x             |          |          |          | x           | x   |          |               |                 | x                 |                    |                                  |              | x             | x-794617-x  |
| x-794622-x    | 2-24     | x          |               | x        |          |          | x           | x   |          |               |                 | x                 |                    |                                  |              | x             | x-794617-x  |
| x-794623-x    | 2-24     | x          |               |          | x        |          | x           | x   |          |               |                 | x                 |                    |                                  |              | x             | x-794617-x  |
| x-794624-x    | 2-24     | x          | x             |          |          |          | x           | x   |          |               | x               |                   |                    |                                  |              | x             | x-794617-x  |
| x-794625-x    | 2-24     | x          |               | x        |          |          | x           | x   |          |               | x               |                   |                    |                                  |              | x             | x-794617-x  |
| x-794626-x    | 2-24     | x          |               |          | x        |          | x           | x   |          |               | x               |                   |                    |                                  |              | x             | x-794617-x  |
| x-794627-x    | 2-24     | x          | x             |          |          |          | x           | x   |          | x             |                 |                   |                    |                                  |              | x             | x-794617-x  |
| x-794628-x    | 2-24     | x          |               | x        |          |          | x           | x   |          | x             |                 |                   |                    |                                  |              | x             | x-794617-x  |
| x-794629-x    | 2-24     | x          |               |          | x        |          | x           | x   |          | x             |                 |                   |                    |                                  |              | x             | x-794617-x  |
| x-794630-x    | 2-24     | x          | x             |          |          | x        |             |     | x        |               |                 |                   |                    | x                                | x            |               | x-794617-x  |
| x-794631-x    | 2-24     | x          |               | x        |          | x        |             |     | x        |               |                 |                   |                    | x                                | x            |               | x-794617-x  |
| x-794632-x    | 2-24     | x          |               |          | x        | x        |             |     | x        |               |                 |                   |                    | x                                | x            |               | x-794617-x  |
| x-794633-x    | 2-24     | x          | x             |          |          | x        |             | x   |          |               | x               |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794634-x    | 2-24     | x          |               | x        |          | x        |             | x   |          |               | x               |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794635-x    | 2-24     | x          |               |          | x        | x        |             | x   |          |               | x               |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794636-x    | 2-24     | x          | x             |          |          | x        |             | x   |          | x             |                 |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794637-x    | 2-24     | x          |               | x        |          | x        |             | x   |          | x             |                 |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794638-x    | 2-24     | x          |               |          | x        | x        |             | x   |          | x             |                 |                   | x                  |                                  |              | x             | x-794617-x  |
| x-794677-x    | 2-24     | x          | x             |          |          |          | x           |     | x        |               | x               |                   |                    |                                  | x            |               | x-794617-x  |
| x-794678-x    | 2-24     | x          |               | x        |          |          | x           |     | x        |               | x               |                   |                    |                                  | x            |               | x-794617-x  |
| x-794679-x    | 2-24     | x          |               |          | x        |          | x           |     | x        |               | x               |                   |                    |                                  | x            |               | x-794617-x  |
| x-794680-x    | 2-24     | x          | x             |          |          | x        |             |     | x        |               | x               |                   |                    | x                                | x            |               | x-794617-x  |
| x-794681-x    | 2-24     | x          |               | x        |          | x        |             |     | x        |               | x               |                   |                    | x                                | x            |               | x-794617-x  |
| x-794682-x    | 2-24     | x          |               |          | x        | x        |             |     | x        |               | x               |                   |                    | x                                | x            |               | x-794617-x  |

## PART NUMBER EXPLANATION

|        |                    |
|--------|--------------------|
| 3-PN-2 | 2 Position Header  |
| 3-PN-4 | 4 Position Header  |
| 3-PN-6 | 6 Position Header  |
| 3-PN-8 | 8 Position Header  |
| 4-PN-0 | 10 Position Header |
| 4-PN-2 | 12 Position Header |
| 4-PN-4 | 14 Position Header |
| 4-PN-6 | 16 Position Header |
| 4-PN-8 | 18 Position Header |
| 5-PN-0 | 20 Position Header |
| 5-PN-2 | 22 Position Header |
| 5-PN-4 | 24 Position Header |

**Note:** To select the complete part number,

- Use 3- prefix for dual row headers up to 8 positions
- Use 4- prefix for dual row headers from 10 to 18 positions
- Use 5- prefix for dual row headers from 20 to 24 positions
- The -X suffix indicates number of positions (Example: 3-794630-4 would be a 4 position header. 4-794630-4 would be a 14 position header. 5-794630-4 would be a 24 position header.)



## HOUSINGS

| No. of Circuits* | Part No.    | Plug | Receptacle | Single Row | Double Row | Free Hanging | Panel Mount | Mating Half                                       | Terminals                                                           | Color   | Remarks                                 |
|------------------|-------------|------|------------|------------|------------|--------------|-------------|---------------------------------------------------|---------------------------------------------------------------------|---------|-----------------------------------------|
| 2-12             | x-1445049-x | x    |            | x          |            | x            |             |                                                   | x-794608-x                                                          |         |                                         |
| 2-12             | x-1445048-x | x    |            | x          |            |              | x           | x-1445022-x                                       | x-794609-x<br>x-794612-x<br>x-794613-x                              | Black   |                                         |
| 2-12             | x-1445022-x |      | x          | x          |            |              |             | x-1445049-x,<br>x-1445048-X<br>single row headers | x-794606-x<br>x-794607-x<br>x-794610-x<br>x-794611-x                | Black   |                                         |
| 2-4              | 2029047-x   |      | x          | x          |            |              |             |                                                   | x-794606-x,<br>x-794607-x,<br>x-794610-x,<br>x-794611-x             | Black   | Low profile housing                     |
| 2-4              | 2029102-x   |      | x          | x          |            |              |             | low profile headers                               |                                                                     | Natural |                                         |
| 2-6              | 2008570-X   |      | x          |            | x          |              |             | single row headers                                | 2008625-x**<br>x-794606-x<br>x-794607-x<br>x-794610-x<br>x-794611-x | Black   | Low profile housing, Accepts 18AWG wire |
| 2-6              | 2008571-X   |      | x          |            | x          |              |             | low profile headers                               |                                                                     |         |                                         |

### Note:

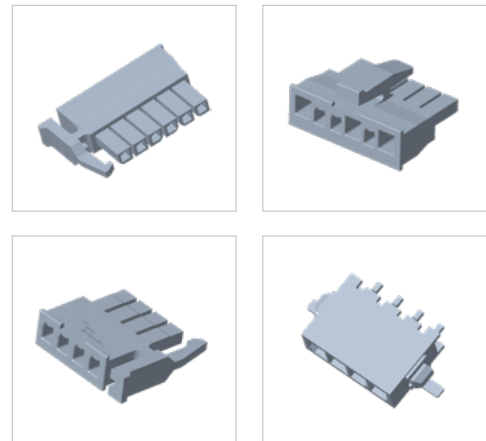
- (\*) Use the prefix and suffix to indicate position size.  
(Example: 794617-2 would be a 2 position housing and 2-794617-4 would be a 24 position housing)
- (\*\*) Terminal can be used in the other receptacle housings, but not with 18AWG cables. This size needs to be used only in the specific positions designed for that.
- Receptacle terminals mate in the receptacle housings and pin terminals mate in the Plug housings

## SELECT 18 AWG RECEPTACLE HOUSINGS

| No. of Position | Part No.                  | 18 AWG Circuits | Black | Top Latch | Side Latch |
|-----------------|---------------------------|-----------------|-------|-----------|------------|
| 2               | <a href="#">2008570-2</a> | 1, 2            | x     |           | x          |
| 3               | <a href="#">2008570-3</a> | 1, 3            | x     |           | x          |
| 4               | <a href="#">2008570-4</a> | 1, 4            | x     |           | x          |
| 5               | <a href="#">2008570-5</a> | 1, 3, 5         | x     |           | x          |
| 2               | <a href="#">2008571-2</a> | 1, 2            | x     | x         |            |
| 3               | <a href="#">2008571-3</a> | 1, 3            | x     | x         |            |
| 4               | <a href="#">2008571-4</a> | 1, 4            | x     | x         |            |
| 6               | <a href="#">2008571-6</a> | 1, 3, 6         | x     | x         |            |

### Note:

- For natural color add 1- prefix to base part number
- Remaining circuits accommodate 20 AWG wire or smaller using standard contacts



## LOW PROFILE RECEPTACLE HOUSINGS AND HEADERS

| Part Number | Position | Single Row | Plating |          |          | Vertical | Right Angle | SMT | Thru-hole | SMT Hold Down | Metal Hold Down | Plastic Hold Down | Pick-and-Place Pad | Retention feature on Solder Tail | Packaging Type |             | Mating Half              | Color   |
|-------------|----------|------------|---------|----------|----------|----------|-------------|-----|-----------|---------------|-----------------|-------------------|--------------------|----------------------------------|----------------|-------------|--------------------------|---------|
|             |          |            | Tin     | 15µ Gold | 30µ Gold |          |             |     |           |               |                 |                   |                    |                                  | Tray           | Tape & Reel |                          |         |
| 2029030-x   | 2-4      | x          | x       |          |          |          | x           | x   |           | x             |                 |                   |                    |                                  |                | x           | 2029047-x<br>Y-2008570-X | Black   |
| 2029104-x   | 2-4      | x          | x       |          |          |          | x           | x   |           | x             |                 |                   |                    |                                  |                | x           | 2029102-x<br>Y-2008570-X | Natural |
| 2029266-x   | 2-4      | x          |         |          | x        |          | x           | x   |           | x             |                 |                   |                    |                                  |                | x           | 2029047-x<br>Y-2008570-X | Black   |

## VDE APPROVED CONNECTORS

| No. of Circuits | Part Number | Plug | Receptacle | Single Row | Double Row | Free Hanging | Panel Mount | Mating Half            | Terminals                                                 |
|-----------------|-------------|------|------------|------------|------------|--------------|-------------|------------------------|-----------------------------------------------------------|
| 2 to 4          | 2315758-x   | x    |            |            | x          |              | x           | 2315744-x              | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 2 to 4          | 2315759-x   | x    |            |            | x          | x            |             | 2315744-x              | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 6 to 10         | 3-794615-x  | x    |            |            | x          |              | x           | 3-794617-x             | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 6 to 10         | 3-794616-x  | x    |            |            | x          | x            |             | 3-794617-x             | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 2, 3 and 4      | 2315785-x   | x    |            | x          |            | x            |             | 2315752-x              | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 2, 3 and 4      | 2315786-x   | x    |            | x          |            |              | x           | 2315752-x              | x-794608-x, x-794609-x, x-794612-x, x-794613-x            |
| 2 to 4          | 2315744-x   |      | x          |            | x          |              |             | 2315758-x, 2315759-x   | x-794606-x, x-794607-x, x-794610-x, x-794611-x, 2008625-x |
| 6 to 10         | 3-794617-x  |      | x          |            | x          |              |             | 3-794615-x, 3-794616-x | x-794606-x, x-794607-x, x-794610-x, x-794611-x, 2008625-x |
| 2, 3 and 4      | 2315752-x   |      | x          | x          |            |              |             | 2315785-x, 2315786-x   | x-794606-x, x-794607-x, x-794610-x, x-794611-x, 2008625-x |

### Note:

- Use the suffix -6 (6 position housing), -8 (8 position housing) or -0 (10 position housing)
- These connectors have keying by position size - different from the standard receptacle and plug connectors

Additional headers with alternative packaging, colors, and materials are available upon request.

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## QUESTIONS THAT WILL HELP YOU BETTER SELECT THE PRODUCT THAT YOU NEED:

### What are the current and voltage requirements for your application?

The Micro MATE-N-LOK 3mm connector system has a maximum current rating of 5 Amps per line and is rated for 250 Volts AC/DC.

### What are the wire type and size requirements?

The Micro MATE-N-LOK 3mm connector system contacts are approved for use with 22-18 (0.3-0.9), 24-20 (0.2-0.6) and 30-26 (0.05-0.15) AWG wire with a maximum insulation diameter of 0.110 (2.79).

### What are the number of positions?

The Micro MATE-N-LOK 3mm connector system is available in 2-12 position single row and 2-24 position dual row configurations on a 3.0mm pitch.

### What are the operating temperature requirements?

The Micro-MATE-N-LOK 3mm connector system has a maximum operating temperature of 105°C. For more information regarding operating temperatures refer to Product Specification 108-1836.

### What packaging types are offered for headers and housings?

The Micro MATE-N-LOK 3mm connector system offers tape and reel packaging for surface mount headers, tray packaging for thru-board headers and bulk packaging for all receptacle and plug housings.

### What is the benefit of choosing low-profile receptacle housings?

The Micro MATE-N-LOK 3mm connector system offers a low profile receptacle housing for applications that need to meet minimal height requirements. This low profile design offers a mated height of only 4.7mm and is available in 2, 3 and 4 positions, in black or natural color.

### What is the benefit of using an 18 AWG select circuit receptacle housing?

The Micro MATE-N-LOK 3mm connector system offers a special 18 AWG wire-to-board select circuit housing for low voltage lighting applications. Designed to accommodate 18 AWG UL1007 wire in select circuits of the 2, 3, 4, 5 and 6 position housings, this product is highly reliable to help minimize millivolt drops on long wire runs sometimes required by low voltage conventional and solid state lighting.

### What flame resistant material options are available?

The Micro MATE-N-LOK 3mm connector system is available with multiple flammability options, including UL 94 V-0, UL 94 V-2, and glow wire tested (GWT).

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