



General Information

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| Kit Part Number: | 1-2110852-2 |
| Description: | Right Angle Header and Plug Connector Kit |
| Application: | Appliance Industries, Fan Modules, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies |
| Family: | Mini-Universal MATE-N-LOK |
| TE Brand: | AMP Products |
| Solution: | Off the Board |
| Product Type: | Wire-to-Board Connectors |
| Number of Pieces: | 138 |
| RoHS: | Yes |

Specifications

| | |
|-----------------------------|---------------------|
| Amps: | 2.25-4.5 Amps |
| Circuit Size(s): | 2, 3, 4, 6, 8 |
| Color: | White, Tan |
| Crimp Terminal: | Female |
| Current Rating: | 2.25-4.5A |
| Flammability Rating: | UL94V-0 |
| Mounting Style: | PCB Through Hole |
| Orientation: | Right Angle Headers |
| Pitch: | 4.14mm (.163") |
| Product/Type: | Plug |
| Rows: | Single Row, Matrix |
| Tool Included: | No |
| Voltage Rating: | 600V |
| Wire Gauge (AWG): | 26-22 |

Product Highlights

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

- 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 forces



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 |
|----------------------------|------------|---|---------------------------|-------------------------|-------------------------------|
| 770986-1-C | 100 | Mini-Universal MATE-N-LOK Sockets 26-22 AWG | Datasheet | Details | Search |
| 1-770966-0 | 5 | Mini-Universal MATE-N-LOK 2 Right Angle Header, 2 Circuits, ... | Datasheet | Details | Search |
| 1-770967-0 | 5 | Mini-Universal MATE-N-LOK 2 Right Angle Header, 3 Circuits, ... | Datasheet | Details | Search |
| 1-770968-0 | 4 | Mini-Universal MATE-N-LOK 2 Right Angle Header, 4 Circuits | Datasheet | Details | Search |
| 1-770969-0 | 3 | Mini-Universal MATE-N-LOK 2 Right Angle Header, 6 Circuits | Datasheet | Details | Search |
| 1-770970-0 | 2 | Mini-Universal MATE-N-LOK Right Angle Header, 8 Circuits | Datasheet | Details | Search |
| 172165-1 | 5 | Mini-Universal MATE-N-LOK Plug, 2 Circuits | Datasheet | Details | Search |
| 172166-1 | 5 | Mini-Universal MATE-N-LOK Plug, 3 Circuits | Datasheet | Details | Search |
| 172167-1 | 4 | Mini-Universal MATE-N-LOK Plug, 4 Circuits - DUAL ROW Style | Datasheet | Details | Search |
| 172168-1 | 3 | Mini-Universal MATE-N-LOK Plug, 6 Circuits - DUAL ROW Style | Datasheet | Details | Search |
| 770579-1 | 2 | Mini-Universal MATE-N-LOK Plug, 8 Circuits | Datasheet | Details | Search |

Recommended Tool

| Part No. | Included in Kit |
|-------------------------|-----------------|
| 91500-1 | No |









Wire-to-Board Category



TE connectivity
Authorized Distributor

Kit Part No. **1-2110852-2**

Mini Universal MATE-N-LOK Connector Kit

Right Angle Header and Plug

- 4.14mm Pitch
- 2, 3, 4, 6 and 8 Circuits
- Female Crimp Terminals: 26-22 AWG
- 2.25-4.5 Amps*, 600 Volts
- Flammability Rating: UL 94V-0

Additional kits available at: www.produckits.com

Mini Universal MATE-N-LOK Connectors offer current ratings up to 7.1 Amps when used with 16 AWG wire and applicable conductors. 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 129 (0007) (available at www.teconnectivity.com), including using only approved TE housing (if applicable), can result in improper installation and/or circuiting which is dangerous and may cause or contribute to electrical fires. Please be sure only to install with proper training and equipment.

138
pieces



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