| General Information | |
|---|---|
| **Kit Part Number:** | 1-2110852-0 |
| **Description:** | Panel Mount Plug and Receptacle Kit |
| **Application:** | Appliance Industries, Fan Modules, HVAC Systems, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies |
| **Family:** | Mini-Universal MATE-N-LOK |
| **TE Brand:** | AMP Products |
| **Solution:** | Free Hanging |
| **Product Type:** | Wire-to-Wire Connectors |
| **Number of Pieces:** | 238 |
| **RoHS:** | Yes |

| Specifications | |
|---|---|
| **Circuit Size(s):** | 2, 3, 4, 6, 9 |
| **Color:** | White, Tan |
| **Crimp Terminal:** | Male, Female |
| **Current Rating:** | 3-6A |
| **Flammability Rating:** | UL94V-0 |
| **Mounting Style:** | Panel Mount |
| **Orientation:** | Receptacles, Plugs |
| **Pitch:** | 4.14mm (.163") |
| **Rows:** | Single Row, Dual 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

- 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 |
|---|---|---|---|---|---|
| 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 |
| 172169-1 | 2 | Mini-Universal MATE-N-LOK Plug, 9 Circuits - MATRIX Style | Datasheet | Details | Search |
| 770985-1-C | 100 | Mini-Universal MATE-N-LOK Pins 26-22 AWG | Datasheet | Details | Search |
| 770986-1-C | 100 | Mini-Universal MATE-N-LOK Sockets 26-22 AWG | Datasheet | Details | Search |
| 172157-1 | 5 | Mini-Universal MATE-N-LOK Receptacle, 2 Circuits, Panel Moun... | Datasheet | Details | Search |
| 172158-1 | 5 | Mini-Universal MATE-N-LOK Receptacle 3 Circuits Panel Mount | Datasheet | Details | Search |
| 172159-1 | 4 | Mini-Universal MATE-N-LOK Receptacle, 4 Circuits, Panel Moun... | Datasheet | Details | Search |
| 172160-1 | 3 | Mini-Universal MATE-N-LOK Receptacle, 6 Circuits, Panel Moun... | Datasheet | Details | Search |
| 172161-1 | 2 | Mini-Universal MATE-N-LOK Receptacle, 9 Circuits, Panel Moun... | Datasheet | Details | Search |

## Recommended Tool

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

BILL OF MATERIALS

Wire-to-Wire Category
TE connectivity
Authorized Distributor
Kit Part No. 1-2110852-0
Mini Universal MATE-N-LOK Connector Kit
Panel Mount Plug and Receptacle
• 4.14mm Pitch
• 2, 3, 4, 6 and 9 Circuits
• Male and Female Crimp Terminals: 26-22 AWG
• 3-6 Amps, 600 Volts
• Flammability Rating: UL 94V-0
Additional kits available at: www.productkits.com
238 pieces