



General Information

Kit Part Number:	1-2110852-1
Description:	Vertical Header and Plug Connector 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:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	138
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 5, 9
Color:	White, Tan
Crimp Terminal:	Female
Current Rating:	2.85-5.7A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole
Orientation:	Vertical Plugs, Vertical Headers
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
770986-1-C	100	Mini-Universal MATE-N-LOK Sockets 26-22 AWG	Datasheet	Details	Search
1-770872-0	5	Mini-Universal MATE-N-LOK Vertical Header without Drain Hole...	Datasheet	Details	Search
1-770873-0	5	Mini-Universal MATE-N-LOK Vertical Header without Drain Hole...	Datasheet	Details	Search
1-770874-0	4	Mini-Universal MATE-N-LOK Vertical Header without Drain Hole...	Datasheet	Details	Search
1-770875-0	3	Mini-Universal MATE-N-LOK Vertical Header without Drain Hole...	Datasheet	Details	Search
1-770876-0	2	Mini-Universal MATE-N-LOK Vertical Header without Drain Hole...	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
172169-1	2	Mini-Universal MATE-N-LOK Plug, 9 Circuits - MATRIX Style	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91500-1	No







Wire-to-Board Category



TE connectivity
Authorized Distributor

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

Mini Universal MATE-N-LOK Connector Kit

Vertical Header and Plug

- 4.14mm Pitch
- 2, 3, 4, 6 and 9 Circuits
- Female Crimp Terminals: 26-22 AWG
- 2.85-5.7 Amps*, 600 Volts
- Flammability Rating: UL 94V-0

Additional kits available at: www.productkits.com

Mini Universal MATE-N-LOK Connectors offer current ratings up to 5 Amps when used with 26 AWG wire and applicable contacts. 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 (39-10057) (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 refer only to individuals with proper training and equipment.

138
pieces



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