



General Information

Kit Part Number:	2110852-2
Description:	Through Hole Vertical Male Header and Plug Connector Kit
Application:	Appliance Industries, Fan Modules, HVAC Systems, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies
Family:	Universal MATE-N-LOK
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	142
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6, 9
Color:	White
Crimp Terminal:	Female
Current Rating:	6.17-16.2A
Flammability Rating:	UL94V-0
Mounting Style:	Through Hole
Orientation:	Vertical Headers
Pitch:	6.35mm (.250")
Rows:	Single Row, Matrix
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	20-14

Product Highlights

The Universal MATE-N-LOK connector system is a robust and highly reliable connector system that utilizes a combination of pins and sockets intermixed in the plug and cap (receptacle) housings to achieve the maximum electrical performance in a 6.35mm centerline. The Universal MATE-N-LOK housings feature positive polarization, positive locking and rear cavity identification in every housing allowing for easy, error proof assembly. The contacts are completely enclosed in housings, have low mating force and are removable to maintain flexibility in the system. In addition to the standard panel mount, free hanging and wire-to-board capability in vertical or right angle options, the Universal MATE-N-LOK connector system offers additional designs including circular, flanged, bulkhead, sealed and colored housings to offer a solution for nearly every application.

Features and Benefits

- Pins and sockets can be intermixed in the same housing
- Contacts completely enclosed in housings
- Positive polarization
- UL 94V-O flame retardant material
- Positive locking housings
- Removable, crimp snap-in contacts
- Dual locking lances provide optimum contact stability
- Low contact mating force



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
350550-1-C	100	Universal MATE-N-LOK Female Terminals 20-14 AWG	Datasheet	Details	Search
350777-1	5	Universal MATE-N-LOK Plug, White Color, 2 Circuits	Datasheet	Details	Search
350766-1	5	Universal MATE-N-LOK Plug, White Color, 3 Circuits	Datasheet	Details	Search
350779-1	4	Universal MATE-N-LOK Plug, White Color, 4 Circuits	Datasheet	Details	Search
350715-1	4	Universal MATE-N-LOK Plug, White Color, 6 Circuits	Datasheet	Details	Search
350720-1	3	Universal MATE-N-LOK Plug, White Color, 9 Circuits	Datasheet	Details	Search
350786-1	5	Universal MATE-N-LOK Vertical Header White Color 2 Circuits	Datasheet	Details	Search
350789-1	5	Universal MATE-N-LOK Vertical Header White Color 3 Circuits	Datasheet	Details	Search
350711-1	4	Universal MATE-N-LOK Vertical Header White Color 6 Circuits	Datasheet	Details	Search
350792-1	4	Universal MATE-N-LOK Vertical Header White Color 4 Circuits	Datasheet	Details	Search
350712-1	3	Universal MATE-N-LOK Vertical Header White Color 9 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91500-1	No









Wire-to-Board Category



Authorized Distributor

Kit Part No. **2110852-2**

Universal MATE-N-LOK Connector Kit

Vertical Male Header and Plug

- 6.35mm Pitch
- 2, 3, 4, 6, and 9 Circuits
- Male and Female Crimp Terminals: 20-14 AWG
- 6.17-16.2 Amps*, 500 Volts
- Color(s): White
- Flammability Rating: UL 94V-0

Additional kits available at: www.productkits.com

Universal MATE-N-LOK Connectors offer current ratings up to 20 Amps wire-to-board and 16 AMPs wire and applicable contacts.
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WARNING: Failure to follow all instructions in Application Specifications 1-14 (2010) (available at www.te-connectivity.com) regarding wire and crimp terminal use may result in improper installation and/or resulting in a dangerous and high level of resistance in electrical lines. Should be used only by individuals with proper training and experience.

142 pieces



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