



General Information

Kit Part Number:	2110852-8
Description:	Matrix and Single Row Vertical 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 II
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	128
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6, 9
Color:	White
Crimp Terminal:	Female
Current Rating:	4.5-13A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole
Orientation:	Vertical Plugs, Vertical Headers
Pitch:	6.35mm (.250")
Rows:	Single Row, Matrix
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	24-18

Product Highlights

For use where repair or replacement would be difficult. Pins and sockets can be intermixed in the same housing. Available in 2 through 15 circuit sizes for free hanging or panel mount wire-to-wire connection. Mate with standard Universal MATE-N-LOK Housings and PC Board Headers. Uses standard Universal MATE-N-LOK panel cutouts and strain relief.

Features and Benefits

- High reliability
- Polarized housings available in UL94V-0 flammability rated material
- Enclosed contacts for shock protection
- Lanceless contacts for tangle-free handling
- Connector design provides for complete contact insertion
- Three-point stabilization precisely controls contact alignment, minimizing stubbing
- Contacts are on .250 [6.35] centerline spacing

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
770253-3-C	100	Universal MATE-N-LOK II Female Terminals 24-18 AWG	Datasheet	Details	Search
770017-1	4	Universal MATE-N-LOK II Plug, 2 Circuits	Datasheet	Details	Search
770018-1	3	Universal MATE-N-LOK II Plug, 3 Circuits	Datasheet	Details	Search
770019-1	3	Universal MATE-N-LOK II Plug, 4 Circuits	Datasheet	Details	Search
770020-1	2	Universal MATE-N-LOK II Plug, 6 Circuits	Datasheet	Details	Search
770021-1	2	Universal MATE-N-LOK II Plug, 9 Circuits	Datasheet	Details	Search
350786-1	4	Universal MATE-N-LOK Vertical Header White Color 2 Circuits	Datasheet	Details	Search
350789-1	3	Universal MATE-N-LOK Vertical Header White Color 3 Circuits	Datasheet	Details	Search
350792-1	3	Universal MATE-N-LOK Vertical Header White Color 4 Circuits	Datasheet	Details	Search
350711-1	2	Universal MATE-N-LOK Vertical Header White Color 6 Circuits	Datasheet	Details	Search
350712-1	2	Universal MATE-N-LOK Vertical Header White Color 9 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91510-1	No







Wire-to-Board Category

Kit Part No. **2110852-8**

Universal MATE-N-LOK II Connector Kit

Matrix and Single Row Vertical Header
and Plug

- 6.35mm Pitch
- 2, 3, 4, 6 and 9 Circuits
- Female Crimp Terminals: 24-38 AWG
- 4.5-13 Amps, 600 Volts
- Flammability Rating: UL 94V-0

Additional kits available at: www.productkits.com

Universal MATE-N-LOK II Connector offer current ratings up to 30 Amps when used with 30 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 (211 000) (available at www.te-connectivity.com) including wire size approval (TE marking if applicable), can result in improper installation and/or resulting effect in damage and may void or interfere to electrical tests. Please be sure only to install with proper training and equipment.

128
pieces



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