



General Information

Kit Part Number:	2110852-6
Description:	Deluxe Through Hole Vertical and Right Angle Male Header, Plug and Receptacle 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, Wire-to-Wire Connectors
Number of Pieces:	303
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	White
Crimp Terminal:	Male, Female
Current Rating:	5.62-17A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole, Free-Hanging
Orientation:	Vertical, Right Angle
Pitch:	6.35mm (.250")
Product/Type:	Receptacle, Plug
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
350547-1-C	100	Universal MATE-N-LOK Male Terminals 20-14 AWG	Datasheet	Details	Search
350550-1-C	100	Universal MATE-N-LOK Female Terminals 20-14 AWG	Datasheet	Details	Search
350777-1	10	Universal MATE-N-LOK Plug, White Color, 2 Circuits	Datasheet	Details	Search
350778-1	5	Universal MATE-N-LOK Receptacle, White Color, 2 Circuits	Datasheet	Details	Search
350766-1	15	Universal MATE-N-LOK Plug, White Color, 3 Circuits	Datasheet	Details	Search
350767-1	10	Universal MATE-N-LOK Receptacle, White Color, 3 Circuits	Datasheet	Details	Search
350779-1	8	Universal MATE-N-LOK Plug, White Color, 4 Circuits	Datasheet	Details	Search
350780-1	4	Universal MATE-N-LOK Receptacle, White Color, 4 Circuits	Datasheet	Details	Search
350786-1	3	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	2	Universal MATE-N-LOK Vertical Header White Color 4 Circuits	Datasheet	Details	Search
1-350942-0	3	Universal MATE-N-LOK II Right Angle Header White Color 2 Cir...	Datasheet	Details	Search
1-350943-0	3	Universal MATE-N-LOK II Right Angle Header White Color 3 Cir...	Datasheet	Details	Search
1-350944-0	2	Universal MATE-N-LOK II Right Angle Header White Color 4 Cir...	Datasheet	Details	Search
770377-1	5	Universal MATE-N-LOK Keying/Sealing Plug	Datasheet	Details	Search
794272-1	10	Universal MATE-N-LOK Seal Protector Accessory for 3 Circuits	Datasheet	Details	Search
794271-1	5	Universal MATE-N-LOK Interface Seal Accessory for 3 Circuits	Datasheet	Details	Search
794275-1	3	Universal MATE-N-LOK Interface Seal Accessory for 6 Circuits	Datasheet	Details	Search
794276-1	6	Universal MATE-N-LOK Seal Protector Accessory for 6 Circuits	Datasheet	Details	Search
350715-1	3	Universal MATE-N-LOK Plug, White Color, 6 Circuits	Datasheet	Details	Search
350781-1	3	Universal MATE-N-LOK Receptacle, White Color, 6 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91500-1	No





Part No. **2110852-6**

Wire-to-Wire and Wire-to-Board Category

BILL OF MATERIALS

To locate the kit, please visit www.prdatkitkits.com/Top/2110852-6

Part No.	Qty	Description
1000000	1	General Purpose 20 Pin Header (Male) 2.54mm Pitch
1000001	1	General Purpose 20 Pin Header (Female) 2.54mm Pitch
1000002	1	General Purpose 15 Pin Header (Male) 2.54mm Pitch
1000003	1	General Purpose 15 Pin Header (Female) 2.54mm Pitch
1000004	1	General Purpose 10 Pin Header (Male) 2.54mm Pitch
1000005	1	General Purpose 10 Pin Header (Female) 2.54mm Pitch
1000006	1	General Purpose 5 Pin Header (Male) 2.54mm Pitch
1000007	1	General Purpose 5 Pin Header (Female) 2.54mm Pitch
1000008	1	General Purpose 3 Pin Header (Male) 2.54mm Pitch
1000009	1	General Purpose 3 Pin Header (Female) 2.54mm Pitch
1000010	1	General Purpose 2 Pin Header (Male) 2.54mm Pitch
1000011	1	General Purpose 2 Pin Header (Female) 2.54mm Pitch
1000012	1	General Purpose 1 Pin Header (Male) 2.54mm Pitch
1000013	1	General Purpose 1 Pin Header (Female) 2.54mm Pitch
1000014	1	General Purpose 0 Pin Header (Male) 2.54mm Pitch
1000015	1	General Purpose 0 Pin Header (Female) 2.54mm Pitch
1000016	1	General Purpose 20 Pin Header (Male) 2.54mm Pitch
1000017	1	General Purpose 20 Pin Header (Female) 2.54mm Pitch
1000018	1	General Purpose 15 Pin Header (Male) 2.54mm Pitch
1000019	1	General Purpose 15 Pin Header (Female) 2.54mm Pitch
1000020	1	General Purpose 10 Pin Header (Male) 2.54mm Pitch
1000021	1	General Purpose 10 Pin Header (Female) 2.54mm Pitch
1000022	1	General Purpose 5 Pin Header (Male) 2.54mm Pitch
1000023	1	General Purpose 5 Pin Header (Female) 2.54mm Pitch
1000024	1	General Purpose 3 Pin Header (Male) 2.54mm Pitch
1000025	1	General Purpose 3 Pin Header (Female) 2.54mm Pitch
1000026	1	General Purpose 2 Pin Header (Male) 2.54mm Pitch
1000027	1	General Purpose 2 Pin Header (Female) 2.54mm Pitch
1000028	1	General Purpose 1 Pin Header (Male) 2.54mm Pitch
1000029	1	General Purpose 1 Pin Header (Female) 2.54mm Pitch
1000030	1	General Purpose 0 Pin Header (Male) 2.54mm Pitch
1000031	1	General Purpose 0 Pin Header (Female) 2.54mm Pitch

1	2	3	4	5
6	7		8	
9	10	11	12	13
14	15			

Bin Diagram
/14 Bin Diagram

NOTE: Quantities are shown for 1 kit only. Additional quantities are available at www.prdatkitkits.com or contact your TE representative for more information.

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Wire-to-Wire and Wire-to-Board Category

TE connectivity Authorized Distributor

Kit Part No. **2110852-6**

Universal MATE-N-LOK Connector Kit

Deluxe Through Hole Vertical and Right Angle Male Header, Plug and Receptacle

- 6.35mm Pitch
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 20-14 AWG
- 5.62-17 Amps¹, 600 Volts
- Flammability Rating: UL 94V-0s

Additional kits available at: www.productkits.com

AWG Universal MATE-N-LOK Connectors offer current ratings up to 34.25 Amps when used with 12 AWG wire and applicable contacts. AWG MATE-N-LOK, TE Connectivity, TE Connectivity Group and TE Group are trademarks of the TE Connectivity Ltd. family of companies.

WARNING: Failure to follow all instructions in Application Specification 224-2002 (available at www.te.com/documents), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

303
pieces



Product from TE Connectivity.
Kits designed and assembled
by Waldom Electronics.