



General Information

Kit Part Number:	2110852-4
Description:	Panel Mount Plug and Receptacle with Extraction Tool Connector Kit
Application:	Appliance Industries, Fan Modules, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies
Family:	Universal MATE-N-LOK
TE Brand:	AMP Products
Solution:	Panel Mount
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	239
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 6, 9, 12
Color:	Natural
Crimp Terminal:	Male, Female
Current Rating:	6.5-17A
Flammability Rating:	UL94V-2
Mounting Style:	Panel Mount, Free-Hanging
Orientation:	Receptacles, Plugs
Pitch:	6.35mm (.250")
Rows:	Single Row, Matrix
Tool Included:	Yes
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
1-480698-0	6	Universal MATE-N-LOK Free-Hanging Plug, 2 Circuits	Datasheet	Details	Search
1-480699-0	6	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 2 ...	Datasheet	Details	Search
1-480700-0	5	Universal MATE-N-LOK Free-Hanging Plug, 3 Circuits	Datasheet	Details	Search
1-480701-0	5	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 3 ...	Datasheet	Details	Search
1-480705-0	4	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 6 ...	Datasheet	Details	Search
1-480707-0	3	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 9 ...	Datasheet	Details	Search
1-480709-0	1	Universal MATE-N-LOK Free-Hanging/Panel Mount Receptacle, 12...	Datasheet	Details	Search
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
1804030-1	1	Universal MATE-N-LOK Extraction Tool		Details	Search
1-480704-0	4	Universal MATE-N-LOK Free-Hanging Plug, 6 Circuits	Datasheet	Details	Search
1-480706-0	3	Universal MATE-N-LOK Free-Hanging Plug, 9 Circuits	Datasheet	Details	Search
1-480708-0	1	Universal MATE-N-LOK Free-Hanging Plug, 12 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91500-1	No
1804030-1	Yes







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