



General Information

Kit Part Number:	1-2110852-7
Description:	Deluxe Sealed Plug, Receptacle and Components 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:	Free Hanging, Sealed
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	544
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	White
Crimp Terminal:	Male, Female
Current Rating:	4.5-9A, 7.5-17A
Flammability Rating:	UL94V-0
Mounting Style:	Free-Hanging
Orientation:	Receptacles, Plugs
Pitch:	4.14mm (.163"), 6.35mm (.250")
Rows:	Single Row, Dual Row
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	20-14, 22-18

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. 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

- 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
- 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.

Applications

- Appliances
- 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
770377-1	10	Universal MATE-N-LOK Keying/Sealing Plug	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
794271-1	5	Universal MATE-N-LOK Interface Seal Accessory for 3 Circuits	Datasheet	Details	Search
794272-1	10	Universal MATE-N-LOK Seal Protector Accessory for 3 Circuits	Datasheet	Details	Search
350766-1	5	Universal MATE-N-LOK Plug, White Color, 3 Circuits	Datasheet	Details	Search
350767-1	5	Universal MATE-N-LOK Receptacle, White Color, 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
794274-1	1	Universal MATE-N-LOK In-Line Wire Seal, 4 Circuits	Datasheet	Details	Search
794273-1	1	Universal MATE-N-LOK In-Line Interface Seal, 4 Circuits	Datasheet	Details	Search
1604256-1	1	Universal MATE-N-LOK Bulkhead Sealed Receptacle, 4 Circuits	Datasheet	Details	Search
350779-1	1	Universal MATE-N-LOK Plug, White Color, 4 Circuits	Datasheet	Details	Search
770987-1-C	100	Male Terminals 22-18 AWG	Datasheet	Details	Search
794894-1	5	Mini-Universal MATE-N-LOK Plug Sealed, 2 Circuits	Datasheet	Details	Search
794805-1	3	Mini-Universal MATE-N-LOK Plug Sealed, 4 Circuits	Datasheet	Details	Search
794895-1	2	Mini-Universal MATE-N-LOK Plug Sealed, 6 Circuits	Datasheet	Details	Search
770988-1-C	100	Female Terminals 22-18 AWG	Datasheet	Details	Search
794896-1	5	Mini-Universal MATE-N-LOK Receptacle Sealed, 2 Circuits	Datasheet	Details	Search
794939-1	3	Mini-Universal MATE-N-LOK Receptacle Sealed, 4 Circuits	Datasheet	Details	Search
794940-1	2	Mini-Universal MATE-N-LOK Receptacle Sealed, 6 Circuits	Datasheet	Details	Search
794772-2	5	Mini-Universal MATE-N-LOK Interface Seal, 2 Circuits	Datasheet	Details	Search
794772-4	3	Mini-Universal MATE-N-LOK Interface Seal, 4 Circuits	Datasheet	Details	Search
794772-6	2	Mini-Universal MATE-N-LOK Interface Seal, 6 Circuits	Datasheet	Details	Search
794995-1	10	Mini-Universal MATE-N-LOK Cavity Plug	Datasheet	Details	Search
794758-1	50	Mini-Universal MATE-N-LOK Wire Seal, 1 Circuit	Datasheet	Details	Search



Recommended Tool

Part No.	Included in Kit
91002-1	No
91529-1	No
189727-1	No
91522-1	No





Wire-to-Wire Category

Kit Part No: 1-2110852-7

Bill of Materials

To order this kit please visit www.products.tte.com/day/1-2110852-7

Part No.	Qty	Description
1000000	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000001	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000002	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000003	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000004	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000005	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000006	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000007	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000008	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000009	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000010	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000011	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000012	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000013	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000014	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000015	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000016	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000017	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000018	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000019	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000020	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000021	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series

Part No.	Qty	Description
1000022	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000023	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000024	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000025	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000026	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000027	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000028	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000029	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000030	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000031	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000032	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000033	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000034	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000035	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000036	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000037	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000038	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000039	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series
1000040	1	Terminal Block, 20 Pin, 1000 Series, 1000 Series

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20

Get Diagram
View edge drawings...

NOTE: Recommended Storage Temp: 0°C to 40°C (32°F to 104°F) (see datasheet)
Additional kit available at: www.products.tte.com or contact a TE Connectivity authorized distributor

Approved by customer's authorized representative




Wire-to-Wire Category


TE Authorized Distributor
 connectivity

Kit Part No. **1-2110852-7**

Sealed Universal MATE-N-LOK and Mini Universal MATE-N-LOK Connector Kit

Deluxe Sealed Plug, Receptacle and Components

- 4.14 and 6.35mm Pitches
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 22-28 and 20-14 AWG
- 7.5-17 and 4.5-9 Amps¹, 600 Volts
- Flammability Rating: UL 94V-0

¹ Dependent on AWG

Additional kits available at: www.productkits.com

Universal MATE-N-LOK Connectors offer current ratings up to 20 Amps when used with 20 AWG and 9.5 Amps when used with 26 AWG wire and applicable sockets. 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 applicable Specifications (114-1830, 114-3603, 114-1830Y) available at www.te-connectivity.com, 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 installed by individuals with proper training and experience.

544 pieces



0 10157 16650 2

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