TE Design and Solution Kits by Waldom Electronics | TE connectivity Authorized Master Distributor



General Information	
Kit Part Number:	5-2110852-5
Description:	Panel Mount and Free Hanging Plug and Receptacle Kit
Application:	Appliance Industries, Fan Modules, HVAC Systems, Lighting Applications, Power Supplies, White Goods, Wiring Harness Assemblies
Family:	MATE-N-LOK
TE Brand:	AMP Products
Solution:	Free Hanging, Panel Mount
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	122
RoHS:	Yes

Specifications	
Circuit Size(s):	2, 3, 4, 9
Color:	Natural
Current Rating:	7-28A
Flammability Rating:	UL94V-2
Mounting Style:	Panel Mount
Orientation:	Receptacles, Plugs
Pitch:	6.1mm (.240")
Rows:	Single Row, Matrix
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	14-10, 20-14

Product Highlights

.140" MATE-N-LOK is good for large insulation wire and up to 10 AWG wire. Capable to handle up to 28 amps. The Terminal lances are dual locking for great contact stability, but still with low insertion/extraction forces.

Features and Benefits

- Available in 2, 3 and 9 circuit configurations for panel mounting
- 4 and 9 circuit configurations for free hanging applications
- Standard natural nylon housings
- Housings fully polarized
- Contacts fully protected in housings
- Contacts accept wire size range 20-10 AWG (.5-5.0 mm2) with insulation diameters from .100" (2.54mm) to .180" (4.57 mm)
- Low insertion/extraction forces
- Dual locking lances assure optimum contact stability
- Extraction tool removes both pins and sockets
- Contacts are on .240" (6.09 mm) centerline spacing

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
1-350344-0	4	.140" MATE-N-LOK Panel Mount Female Terminal Housing (Plug),...	Datasheet	Details	Search
1-350345-0	4	.140" MATE-N-LOK Panel Mount Male Terminal Housing (Receptac...	Datasheet	Details	Search
1-350346-0	3	.140" MATE-N-LOK Panel Mount Female Terminal Housing (Plug),...	Datasheet	Details	Search
1-350347-0	3	.140" MATE-N-LOK Panel Mount Male Terminal Housing (Receptac...	Datasheet	Details	Search
1-480672-0	1	.140" MATE-N-LOK Panel Mount Female Terminal Housing (Plug),...	Datasheet	Details	Search
1-480673-0	1	.140" MATE-N-LOK Panel Mount Male Terminal Housing (Receptac...	Datasheet	Details	Search
350389-1	25	.140" MATE-N-LOK Male Terminal 20-14 AWG	Datasheet	Details	Search
350388-1	25	.140" MATE-N-LOK Female Terminal 20-14 AWG	Datasheet	Details	Search
350391-1	25	.140" MATE-N-LOK Male Terminal 14-10 AWG	Datasheet	Details	Search
350390-1	25	.140" MATE-N-LOK Female Terminal 14-10 AWG	Datasheet	Details	Search
1-480510-0	2	.140" MATE-N-LOK Free-Hanging Female Terminal Housing (Plug)...	Datasheet	Details	Search
1-480512-0	2	.140" MATE-N-LOK Free-Hanging Male Terminal Housing (Recepta...	Datasheet	Details	Search
1-480585-0	1	.140" MATE-N-LOK Free-Hanging Female Terminal Housing (Plug)...	Datasheet	Details	Search
1-480586-0	1	.140" MATE-N-LOK Free-Hanging Male Terminal Housing (Recepta...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
90247-1	No
69710-1	No
318845-1	No






Wire-to-Wire Category
TE connectivity
Authorized Distributor
Kit Part No. 5-2110852-5
.140" MATE-N-LOK Connector Kit
Panel Mount and Free Hanging Plug and Receptacle
• 6.10mm Pitch
• 2, 3, 4 and 9 Circuits
• .140" (Large Insulation)
• Female Crimp Terminals: 20-14 and 14-10 AWG
• 7-28 Amps†, 250 Volts
• Color(s): Natural
• Flammability Rating: UL 94V-2
Additional kits available at: www.productkits.com
122 pieces