



General Information

Kit Part Number:	2-2110852-8
Description:	Surface Mount Single Row Low Profile Right Angle Header and Receptacle Kit
Application:	Commercial Lighting, Consumer Lighting, LED Lighting Applications
Family:	Micro MATE-N-LOK
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	80
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4
Color:	Black
Crimp Terminal:	Female
Current Rating:	5A
Flammability Rating:	UL94V-0
Mounting Style:	SMT (Surface Mount Technology), PCB Through Hole
Orientation:	Right Angle Headers
Pitch:	3.00mm (.118")
Product/Type:	Receptacle
Rows:	Single Row
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	24-20

Product Highlights

Contacts are on 3 mm [.118] centerline spacing; 2-12 contact positions – single row; 2-24 contact positions – dual row. Panel mount or free-hanging wire-to-wire configurations. Dual beam contact design for reliable interconnection. Contacts accept 24-20 [0.2-0.6] and 30- 26 [0.05-0.15] AWG wire with insulation diameter of .060 [1.52] maximum. Contacts available in strip form or loose piece. PCB mount pin header assemblies in both vertical and right-angle styles. Surface mount or through hole PCB pin header attachment. PCB headers are IR reflow process compatible.

Features and Benefits

- Less than 4.7 mm in vertical height required
- Right angle surface mount headers with surface mount hold-downs
- Positive latching to prevent unmating
- 2, 3, and 4 positions available
- Black and natural colors available

Applications

- LED Lighting Applications
- Consumer Lighting:
- Shelf/Cabinet
- Under Counter



- Cove Lighting
- Commercial Lighting:
- Signage
- Refrigeration
- Display Cases



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
2029047-2	5	Micro MATE-N-LOK, 2 Circuits, Receptacle Low Profile 3mm	Datasheet	Details	Search
2029047-3	5	Micro MATE-N-LOK, 3 Circuits, Receptacle Low Profile 3mm	Datasheet	Details	Search
2029047-4	5	Micro MATE-N-LOK, 4 Circuits, Receptacle Low Profile 3mm	Datasheet	Details	Search
2029030-2	5	Micro MATE-N-LOK, 2 Circuits, Surface Mount, Right Angle Hea...	Datasheet	Details	Search
2029030-3	5	Micro MATE-N-LOK, 3 Circuits, Surface Mount, Right Angle Hea...	Datasheet	Details	Search
2029030-4	5	Micro MATE-N-LOK, 4 Circuits, Surface Mount, Right Angle Hea...	Datasheet	Details	Search
794610-1	50	Micro MATE-N-LOK Female Terminals 24-20 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91501-1	No







Wire-to-Board Category



Kit Part No. **2-2110852-8**

Low Profile Micro MATE-N-LOK Connector Kit

Surface Mount Single Row Right Angle Header
and Receptacle

- 3.0mm Pitch
- 2, 3 and 4 Circuits
- Right Angle Headers with Metal Hold-downs
- Female Crimp Terminals: 24-20 AWG
- 5 Amps (Max.), 250 Volts
- Flammability Rating: UL 94V-0

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Additional kits available at: www.productkits.com

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BINDER: Please to follow all instructions in Application Specification 224-1300 (available at www.te.com/resources), including using only approved TE tooling (if applicable), and avoid to change installation order or timing which is dangerous and may cause or contribute to incorrect fit. Should be used only by individuals with proper training and experience.

80
pieces



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