



### General Information

<b>Kit Part Number:</b>	<a href="#">5-2110852-4</a>
<b>Description:</b>	Deluxe Through Hole Vertical and Right Angle Male Header, Plug, Receptacle, IDC Socket Assembly and Dust Cover Connector Kit
<b>Application:</b>	Disk Drive Industry, White Goods
<b>Family:</b>	Commercial MATE-N-LOK
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Off the Board
<b>Product Type:</b>	Wire-to-Board Connectors
<b>Number of Pieces:</b>	286
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	1, 2, 3, 4, 6
<b>Color:</b>	Red, Yellow, Natural, Blue, Orange, White
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	4.75-14A
<b>Flammability Rating:</b>	UL94V-2
<b>Mounting Style:</b>	Through Hole
<b>Orientation:</b>	Vertical Headers, Right Angle
<b>Pitch:</b>	5.08mm (.200")
<b>Rows:</b>	Single Row, Dual Row
<b>Terminals:</b>	IDC (Insulation Displacement Crimp)
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	22-16, 24-18

### Product Highlights

For 4 circuit IDC (Insulation Displacement Crimp) applications, the Commercial MATE-N-LOK IDC connectors offers four different colored IDC housings, to allow for Wire-to-Wire and (Vertical and Right Angle) Wire-to-Board connections.

#### Features and Benefits

- Insulation Displacement Crimp
- Fully polarized nylon housings
- Easy cavity identification
- Locking devices are integral part of design
- Connector halves will hold together under severe conditions of vibration and shock
- Built-in contact stabilization and self-aligning features
- Hot side egg-crate design for safety
- Precision molded to exacting tolerances
- "Clean" design contact - no sharp projections to impede insertion or damage housings
- Low insertion/extraction forces

#### Applications

- White Goods



- Used by the Disk Drive Industry



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">60617-1-C</a>	100	Commercial MATE-N-LOK Female Terminal 24-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">60618-1-C</a>	100	Commercial MATE-N-LOK Male Terminal 24-18 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480349-0</a>	5	Commercial MATE-N-LOK Plug, 1 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480350-0</a>	5	Commercial MATE-N-LOK Receptacle, 1 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480318-0</a>	6	Commercial MATE-N-LOK Plug, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350209-1</a>	3	Commercial MATE-N-LOK Vertical Header, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480319-0</a>	3	Commercial MATE-N-LOK Receptacle, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480303-0</a>	4	Commercial MATE-N-LOK Free-Hanging Plug, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350210-1</a>	2	Commercial MATE-N-LOK Vertical Header, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480305-0</a>	2	Commercial MATE-N-LOK Receptacle, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480424-0</a>	4	Commercial MATE-N-LOK Plug, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">350211-1</a>	10	Commercial MATE-N-LOK Vertical Header, 4 Circuits, Natural	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480426-0</a>	2	Commercial MATE-N-LOK Receptacle, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770232-1</a>	10	Dust Cover (Feed to Wire), 4 Circuits, White UL 94V-2	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770233-1</a>	10	Dust Cover (Feed Through Wire), 4 Circuits, White UL 94V-2	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">641737-1</a>	8	Commercial MATE-N-LOK Right Angle Male Header, 4 Circuits, N...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770156-2</a>	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770156-3</a>	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770156-4</a>	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">770156-5</a>	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480270-0</a>	2	Commercial MATE-N-LOK Free-Hanging Plug, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-380999-0</a>	1	Commercial MATE-N-LOK Vertical Header, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-480340-0</a>	1	Commercial MATE-N-LOK Receptacle, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">58074-1</a>	No
<a href="#">231894-1</a>	No







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

Part No. **5-2110852-4**

Download the kit catalog visit [www.parkerkitkits.com/kit/5-2110852-4](http://www.parkerkitkits.com/kit/5-2110852-4)

### BILL OF MATERIALS


TE PARTS AND ASSOCIATED MATERIALS				
77021-1	34	-	Connectors (Male) 6 Pin (2x3) Header (Pack of 10) (10) (10)	
77021-2	25	-	Connectors (Male) 6 Pin (2x3) Header (Pack of 10) (10) (10)	
1440100-1	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-2	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-3	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-4	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-5	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-6	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-7	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-8	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-9	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-10	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-11	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-12	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-13	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-14	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-15	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-16	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-17	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-18	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-19	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-20	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-21	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-22	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-23	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-24	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-25	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-26	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-27	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-28	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-29	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-30	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-31	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-32	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-33	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-34	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-35	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-36	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-37	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-38	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-39	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-40	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-41	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-42	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-43	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-44	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-45	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-46	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-47	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-48	1	-	1-Strip Connectors (Male) 6 Pin (10)	
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1440100-50	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-51	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-52	1	-	1-Strip Connectors (Male) 6 Pin (10)	
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1440100-55	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-56	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-57	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-58	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-59	1	-	1-Strip Connectors (Male) 6 Pin (10)	
1440100-60	1	-	1-Strip Connectors (Male) 6 Pin (10)	

1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21			

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MISC: Recommended Kit Order: 5-2110852-4 Kit Order: 2110852-1 (10 Kit Order)  
 Additional kit materials: [www.parkerkitkits.com](http://www.parkerkitkits.com) or contact a TE Connectivity authorized distributor.





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

**TE connectivity** Authorized Distributor

Kit Part No. **5-2110852-4**

## Commercial MATE-N-LOK Connector Kit

Deluxe Vertical Header, Vertical and Right Angle Male Header, Plug, Receptacle, IDC Socket Assembly and Dust Cover

- 5.08mm Pitch
- 1, 2, 3, 4 and 6 Circuits
- IDC (Insulation Displacement Crimp): 22-26 AWG
- Male and Female Crimp Terminals: 24-26 AWG
- 4.75-14 Amps (Max.), 250 Volts
- Color(s): Natural, White, Red, Orange, Yellow and Blue
- Flammability Rating: UL 94V-2


\* Based on AWG

Additional kits available at: [www.productkits.com](http://www.productkits.com)

Commercial Mate-N-Lok Connectors offer current ratings up to 28 Amps when used with 24 AWG wire and applicable contacts. MATE-N-LOK, TE Connectivity, TE Connectivity Logo and TE Logo are trademarks of the TE Connectivity Ltd. family of companies.

**DANGER:** Failure to follow all instructions in Application Specification 324 3252 (available at [www.te.com/resources](http://www.te.com/resources)), 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.

**286**  
pieces



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