



General Information

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

Specifications

Circuit Size(s):	1, 2, 3, 4, 6
Color:	Red, Yellow, Natural, Blue, Orange, White
Crimp Terminal:	Male, Female
Current Rating:	4.75-14A
Flammability Rating:	UL94V-2
Mounting Style:	Through Hole
Orientation:	Vertical Headers, Right Angle
Pitch:	5.08mm (.200")
Rows:	Single Row, Dual Row
Terminals:	IDC (Insulation Displacement Crimp)
Tool Included:	No
Voltage Rating:	250V
Wire Gauge (AWG):	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
60617-1-C	100	Commercial MATE-N-LOK Female Terminal 24-18 AWG	Datasheet	Details	Search
60618-1-C	100	Commercial MATE-N-LOK Male Terminal 24-18 AWG	Datasheet	Details	Search
1-480349-0	5	Commercial MATE-N-LOK Plug, 1 Circuit	Datasheet	Details	Search
1-480350-0	5	Commercial MATE-N-LOK Receptacle, 1 Circuit	Datasheet	Details	Search
1-480318-0	6	Commercial MATE-N-LOK Plug, 2 Circuits	Datasheet	Details	Search
350209-1	3	Commercial MATE-N-LOK Vertical Header, 2 Circuits	Datasheet	Details	Search
1-480319-0	3	Commercial MATE-N-LOK Receptacle, 2 Circuits	Datasheet	Details	Search
1-480303-0	4	Commercial MATE-N-LOK Free-Hanging Plug, 3 Circuits	Datasheet	Details	Search
350210-1	2	Commercial MATE-N-LOK Vertical Header, 3 Circuits	Datasheet	Details	Search
1-480305-0	2	Commercial MATE-N-LOK Receptacle, 3 Circuits	Datasheet	Details	Search
1-480424-0	4	Commercial MATE-N-LOK Plug, 4 Circuits	Datasheet	Details	Search
350211-1	10	Commercial MATE-N-LOK Vertical Header, 4 Circuits, Natural	Datasheet	Details	Search
1-480426-0	2	Commercial MATE-N-LOK Receptacle, 4 Circuits	Datasheet	Details	Search
770232-1	10	Dust Cover (Feed to Wire), 4 Circuits, White UL 94V-2	Datasheet	Details	Search
770233-1	10	Dust Cover (Feed Through Wire), 4 Circuits, White UL 94V-2	Datasheet	Details	Search
641737-1	8	Commercial MATE-N-LOK Right Angle Male Header, 4 Circuits, N...	Datasheet	Details	Search
770156-2	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	Datasheet	Details	Search
770156-3	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	Datasheet	Details	Search
770156-4	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	Datasheet	Details	Search
770156-5	2	Commercial MATE-N-LOK IDC Plug (Socket Assembly), 4 Circuits...	Datasheet	Details	Search
1-480270-0	2	Commercial MATE-N-LOK Free-Hanging Plug, 6 Circuits	Datasheet	Details	Search
1-380999-0	1	Commercial MATE-N-LOK Vertical Header, 6 Circuits	Datasheet	Details	Search
1-480340-0	1	Commercial MATE-N-LOK Receptacle, 6 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
58074-1	No
231894-1	No





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

TE Authorized
connectivity 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: 24-28 AWG
- 4.75-14 Amps (Max.), 250 Volts
- Color(s): Natural, White, Red, Orange, Yellow and Blue
- Flammability Rating: UL 94V-2

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Additional kits available at: 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 Design and TE Design are trademarks of the TE Connectivity LLC family of companies.

DANGER: Failure to follow all instructions in Application Specification 324 3252 (available at 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.