



## General Information

<b>Kit Part Number:</b>	<a href="#">2110837-4</a>
<b>Description:</b>	Deluxe Vertical Header, Plug, Receptacle and Double Lock Plate Connector Kit
<b>Application:</b>	Air Conditioning, Copy Machines, Gas Equipment, Refrigerators, Vending, Washing Machines
<b>Family:</b>	Power Double Lock
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Power Connectors
<b>Product Type:</b>	Wire-to-Board Connectors, Wire-to-Wire Connectors
<b>Number of Pieces:</b>	240
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6
<b>Color:</b>	Natural
<b>Crimp Terminal:</b>	Male, Female
<b>Current Rating:</b>	14A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	PCB Through Hole, Free-Hanging
<b>Orientation:</b>	Vertical Headers, Plugs, Receptacles
<b>Pitch:</b>	3.96mm (.156")
<b>Rows:</b>	Single Row, Dual Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	300V
<b>Wire Gauge (AWG):</b>	20-16

## Product Highlights

These connectors can be used alone by inserting wire-terminated crimp snap-in contacts into the housing. However, to achieve more positive contact mounting, plug and cap housings can be equipped with a double-lock plate that helps to completely insert contacts.

### Features and Benefits

- Power circuit connectors of compact design
- Uses double lock plate on the wire side that helps prevent partial mating of contacts
- Double lock plate compatible with high-count positions of more than 3 rows
- Tab and receptacle contacts resist scooping of contacts at mating/unmating
- Locking of plug to cap housings and plug to board mounted headers made by the semi-inner locking system that helps preclude the possibility of disengagement by external pressure
- Both wire-to-wire and wire-to-board applications available from the same Series lineup
- Board-mounted header compatible with resin coating, causing no hindrance with the plug locking function
- Design complies with a range of safety standards
- The housing lance design provides no lance on contacts and helps prevent entanglement of contacts with one another
- Fully polarized

### Applications

- Refrigerators
- Air Conditioners



- Washing Machines
- Gas Equipment
- Copying Machines
- Automatic Vending Machines



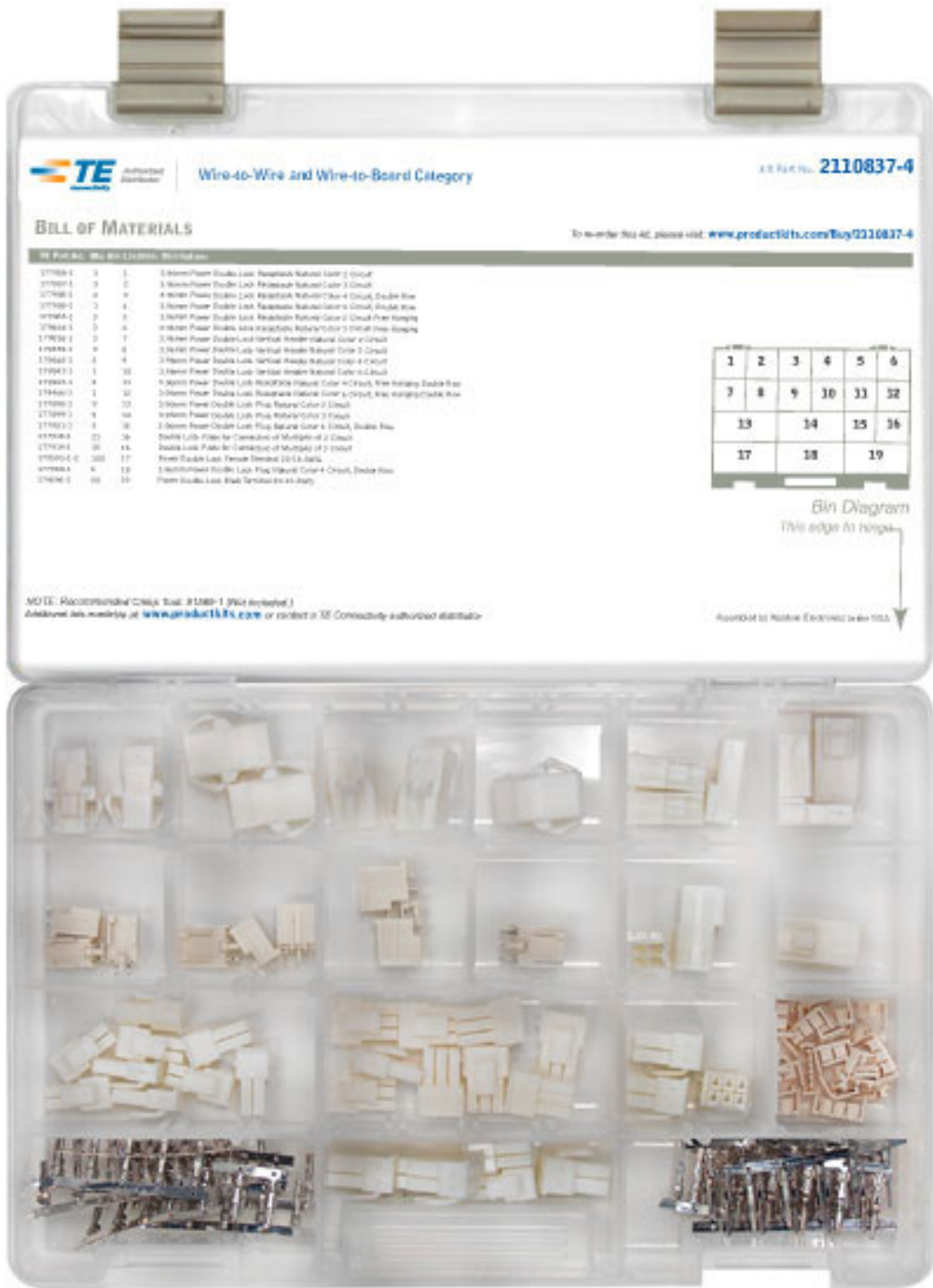
**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">179595-1</a>	50	Power Double Lock Male Terminal 20-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177898-1</a>	9	3.96mm Power Double Lock Plug Natural Color 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177899-1</a>	9	3.96mm Power Double Lock Plug Natural Color 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177900-1</a>	6	3.96mm Power Double Lock Plug Natural Color 4 Circuits, Dual...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177901-1</a>	3	3.96mm Power Double Lock Plug Natural Color 6 Circuits, Dual...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179838-1</a>	3	3.96mm Power Double Lock Vertical Header Natural Color 2 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179839-1</a>	3	3.96mm Power Double Lock Vertical Header Natural Color 3 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179840-1</a>	2	3.96mm Power Double Lock Vertical Header Natural Color 4 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179841-1</a>	1	3.96mm Power Double Lock Vertical Header Natural Color 6 Cir...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179593-1-C</a>	100	Power Double Lock Female Terminal 20-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177918-1</a>	21	Double Lock Plate for Connectors of Multiples of 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177919-1</a>	15	Double Lock Plate for Connectors of Multiples of 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177906-1</a>	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177907-1</a>	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177908-1</a>	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">177909-1</a>	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179463-1</a>	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179464-1</a>	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179465-1</a>	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179466-1</a>	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">91569-1</a>	No





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

Kit Part No. **2110837-4**

**BILL OF MATERIALS**

To search for kit items visit: [www.productfit.com/Buy/2110837-4](http://www.productfit.com/Buy/2110837-4)

**Kit Part No. 2110837-4 Description**


211083-1	3	1	3 Wire Power Double Lock Rosemount Natural Color 2 Circuit
211083-2	3	2	3 Wire Power Double Lock Rosemount Natural Color 3 Circuit
211083-3	3	4	4 Wire Power Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-4	3	4	3 Wire Power Double Lock Rosemount Natural Color 4 Circuit, Double Row
211083-5	3	3	3 Wire Power Double Lock Rosemount Natural Color 3 Circuit, Plug Mounting
211083-6	3	4	4 Wire Power Double Lock Rosemount Natural Color 4 Circuit, Plug Mounting
211083-7	3	7	3 Wire Power Double Lock Vertical Header Natural Color 7 Circuit
211083-8	3	8	3 Wire Power Double Lock Vertical Header Natural Color 8 Circuit
211083-9	3	4	3 Wire Power Double Lock Vertical Header Natural Color 4 Circuit
211083-10	3	32	3 Wire Power Double Lock Vertical Header Natural Color 32 Circuit
211083-11	3	32	4 Wire Power Double Lock Vertical Header Natural Color 32 Circuit, Plug Mounting, Double Row
211083-12	3	32	3 Wire Power Double Lock Vertical Header Natural Color 32 Circuit, Plug Mounting, Double Row
211083-13	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-14	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-15	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-16	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-17	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-18	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-19	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-20	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-21	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-22	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-23	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-24	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-25	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-26	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-27	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-28	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-29	3	32	3 Wire Power Double Lock Plug Mounting, Double Row
211083-30	3	32	3 Wire Power Double Lock Plug Mounting, Double Row

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

Bin Diagram  
This edge is height

NOTE: Accessorial Costs: Total \$1585-1 (Price excluded)  
Accessorial kits available at [www.productfit.com](http://www.productfit.com) or contact a TE Connectivity authorized distributor

Assembled by Waldom Electronics in the USA



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

**TE** connectivity Authorized Distributor

Kit Part No. **2110837-4**

## AMP Power Double Lock Connector Kit

Deluxe Vertical Header, Plug, Receptacle and Double Lock Plate

- 3.96mm Pitches
- 2, 3, 4 and 6 Circuits
- Male and Female Crimp Terminals: 20-16 AWG
- 14 Amps (Max.), 300 Volts
- Flammability Rating: UL 94V-0


† Depends on BNC

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

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**DANGER:** Failure to follow all instructions in Application Specification 314-5175 (available at [www.te.com/documents](http://www.te.com/documents)), 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.

**240**  
pieces



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