



## General Information

<b>Kit Part Number:</b>	<a href="#">2110837-5</a>
<b>Description:</b>	Vertical Header, Plug and Double Lock Plate Kit
<b>Application:</b>	Appliance Industries, Business Equipment, Fan Modules, Gaming Industries, Garage Door Openers, HVAC Systems, Industrial Controls, Security, Vending
<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
<b>Number of Pieces:</b>	96
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 6
<b>Color:</b>	Natural
<b>Crimp Terminal:</b>	Female
<b>Current Rating:</b>	14A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	PCB, Panel Mount
<b>Orientation:</b>	Vertical Plugs, Vertical Headers
<b>Pitch:</b>	6.5mm (.256")
<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

- Household appliances



- Gaming
- Vending
- Garage door openers
- Security systems
- Industrial controls
- HVAC system controls
- Fan modules
- Business equipment



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">179848-1</a>	2	6.5mm Pitch Power Double Lock Vertical Header 4 Circ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179593-1</a>	50	Power Double Lock Female Terminal 20-16 AWG	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179846-1</a>	3	6.5mm Pitch Power Double Lock Vertical Header 3 Circ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179862-1</a>	2	6.5mm Pitch Power Double Lock Free Hanging Plug 6 Ci...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179938-1</a>	7	6.5mm Pitch Power Double Lock Free Hanging Plug 3 Ci...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">917745-1</a>	4	6.5mm Pitch Power Double Lock Vertical Header 2 Circ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179861-1</a>	4	6.5mm Pitch Power Double Lock Free Hanging Plug 4 Ci...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">179849-1</a>	1	6.5mm Pitch Power Double Lock Vertical Header 6 Circ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">316061-1</a>	10	6.5mm Pitch Power Double Lock Plate for 2 Circuits ...	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">316062-1</a>	13	6.5mm Pitch Power Double Lock Plate for 3 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
<a href="#">356304-1</a>	No
<a href="#">189928-1</a>	No
<a href="#">189721-1</a>	No
<a href="#">189722-1</a>	No
<a href="#">1213805-3</a>	No
<a href="#">1213805-4</a>	No
<a href="#">1490567-1</a>	No
<a href="#">1583527-1</a>	No
<a href="#">91569-3</a>	No
<a href="#">234912-1</a>	No









**Wire-to-Board Category**



Authorized  
Distributor

Kit Part No. **2110837-5**

## AMP Power Double Lock Connector Kit

Vertical Header, Plug and Double Lock Plate

- 6.5mm Pitch
- 2, 3, 4 and 6 Circuits
- Female Crimp Terminals: 20-16 AWG
- 14 Amps (Max.), 300 Volts
- Flammability Rating: UL 94V-0

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

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**WARNING:** Failure to follow all instructions in Application Specifications (AS-007) (available at [www.teconnectivity.com](http://www.teconnectivity.com)) including using only approved TE crimping tools and equipment, can result in improper installation and/or improper wiring which is hazardous and may cause or contribute to electrical fires. Consult the user guide for instructions with proper handling and experience.

**96**  
pieces



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