



## General Information

<b>Kit Part Number:</b>	<a href="#">2110837-2</a>
<b>Description:</b>	Vertical Header, Plug and Double Lock Plate 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
<b>Number of Pieces:</b>	80
<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 Through Hole
<b>Orientation:</b>	Vertical Headers, Plugs
<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="#">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="#">177898-1</a>	3	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>	3	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>	2	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>	1	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="#">177918-1</a>	7	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>	5	Double Lock Plate for Connectors of Multiples of 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







Kit Part No. **2110837-2**

## AMP Power Double Lock Connector Kit

Vertical Header, Plug and Double Lock Plate

- 3.96mm 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)

AMP, TE Connectivity, TE Connectivity logo and TE kits are trademarks of the TE Connectivity Ltd. family of companies.  
**WARNING:** Failure to follow all instructions in Application Specifications (AS-SPS) (available at [www.te-connectivity.com](http://www.te-connectivity.com)) including using only approved TE terminals in applications, 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.

**80**  
pieces



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