



General Information

Kit Part Number:	2110837-2
Description:	Vertical Header, Plug and Double Lock Plate Kit
Application:	Air Conditioning, Copy Machines, Gas Equipment, Refrigerators, Vending, Washing Machines
Family:	Power Double Lock
TE Brand:	AMP Products
Solution:	Power Connectors
Product Type:	Wire-to-Board Connectors
Number of Pieces:	80
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	Natural
Crimp Terminal:	Female
Current Rating:	14A
Flammability Rating:	UL94V-0
Mounting Style:	PCB Through Hole
Orientation:	Vertical Headers, Plugs
Pitch:	3.96mm (.156")
Rows:	Single Row, Dual Row
Tool Included:	No
Voltage Rating:	300V
Wire Gauge (AWG):	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
179593-1	50	Power Double Lock Female Terminal 20-16 AWG	Datasheet	Details	Search
177898-1	3	3.96mm Power Double Lock Plug Natural Color 2 Circuits	Datasheet	Details	Search
177899-1	3	3.96mm Power Double Lock Plug Natural Color 3 Circuits	Datasheet	Details	Search
177900-1	2	3.96mm Power Double Lock Plug Natural Color 4 Circuits, Dual...	Datasheet	Details	Search
177901-1	1	3.96mm Power Double Lock Plug Natural Color 6 Circuits, Dual...	Datasheet	Details	Search
179838-1	3	3.96mm Power Double Lock Vertical Header Natural Color 2 Cir...	Datasheet	Details	Search
179839-1	3	3.96mm Power Double Lock Vertical Header Natural Color 3 Cir...	Datasheet	Details	Search
179840-1	2	3.96mm Power Double Lock Vertical Header Natural Color 4 Cir...	Datasheet	Details	Search
179841-1	1	3.96mm Power Double Lock Vertical Header Natural Color 6 Cir...	Datasheet	Details	Search
177918-1	7	Double Lock Plate for Connectors of Multiples of 2 Circuits	Datasheet	Details	Search
177919-1	5	Double Lock Plate for Connectors of Multiples of 3 Circuits	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91569-1	No







Wire-to-Board Category



Authorized Distributor

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

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WARNING: Failure to follow all instructions in Application Specifications (AS-010) (available at www.teconnectivity.com) including using only approved TE crimping tool application can result in improper installation and/or assembly which is hazardous and may cause or contribute to electrical fires. Consult the user guide for instructions with proper tooling and experience.

80 pieces



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