



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





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-007) (available at www.teconnectivity.com) including using only approved TE crimping tool application, 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.