



General Information

Kit Part Number:	2110837-5
Description:	Vertical Header, Plug and Double Lock Plate Kit
Application:	Appliance Industries, Business Equipment, Fan Modules, Gaming Industries, Garage Door Openers, HVAC Systems, Industrial Controls, Security, Vending
Family:	Power Double Lock
TE Brand:	AMP Products
Solution:	Power Connectors
Product Type:	Wire-to-Board Connectors
Number of Pieces:	96
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, Panel Mount
Orientation:	Vertical Plugs, Vertical Headers
Pitch:	6.5mm (.256")
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

- 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
179848-1	2	6.5mm Pitch Power Double Lock Vertical Header 4 Circ...	Datasheet	Details	Search
179593-1	50	Power Double Lock Female Terminal 20-16 AWG	Datasheet	Details	Search
179846-1	3	6.5mm Pitch Power Double Lock Vertical Header 3 Circ...	Datasheet	Details	Search
179862-1	2	6.5mm Pitch Power Double Lock Free Hanging Plug 6 Ci...	Datasheet	Details	Search
179938-1	7	6.5mm Pitch Power Double Lock Free Hanging Plug 3 Ci...	Datasheet	Details	Search
917745-1	4	6.5mm Pitch Power Double Lock Vertical Header 2 Circ...	Datasheet	Details	Search
179861-1	4	6.5mm Pitch Power Double Lock Free Hanging Plug 4 Ci...	Datasheet	Details	Search
179849-1	1	6.5mm Pitch Power Double Lock Vertical Header 6 Circ...	Datasheet	Details	Search
316061-1	10	6.5mm Pitch Power Double Lock Plate for 2 Circuits ...	Datasheet	Details	Search
316062-1	13	6.5mm Pitch Power Double Lock Plate for 3 Circuits ...	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91569-1	No
356304-1	No
189928-1	No
189721-1	No
189722-1	No
1213805-3	No
1213805-4	No
1490567-1	No
1583527-1	No
91569-3	No
234912-1	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

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WARNING: Failure to follow all instructions in Application Specification (AS) (SPE) (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 tooling and experience.

96
pieces



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