



General Information

Kit Part Number:	2110837-1
Description:	Panel Mount Plug, Receptacle and Double Lock Plate Connector 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-Wire Connectors
Number of Pieces:	142
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 6
Color:	Natural
Crimp Terminal:	Male, Female
Current Rating:	14A
Flammability Rating:	UL94V-0
Mounting Style:	Panel Mount
Orientation:	Receptacle, Plugs
Pitch:	3.96mm (.156")
Rows:	Single Row, Double 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
177899-1	3	3.96mm Power Double Lock Plug Natural Color 3 Circuits	Datasheet	Details	Search
177901-1	1	3.96mm Power Double Lock Plug Natural Color 6 Circuits, Dual...	Datasheet	Details	Search
177898-1	3	3.96mm Power Double Lock Plug Natural Color 2 Circuits	Datasheet	Details	Search
177900-1	2	3.96mm Power Double Lock Plug Natural Color 4 Circuits, Dual...	Datasheet	Details	Search
177906-1	3	3.96mm Power Double Lock Receptacle Natural Color 2 Circuits	Datasheet	Details	Search
177907-1	3	3.96mm Power Double Lock Receptacle Natural Color 3 Circuits	Datasheet	Details	Search
177908-1	2	3.96mm Power Double Lock Receptacle Natural Color 4 Circuits...	Datasheet	Details	Search
177909-1	1	3.96mm Power Double Lock Receptacle Natural Color 6 Circuits...	Datasheet	Details	Search
177918-1	14	Double Lock Plate for Connectors of Multiples of 2 Circuits	Datasheet	Details	Search
177919-1	10	Double Lock Plate for Connectors of Multiples of 3 Circuits	Datasheet	Details	Search
179595-1	50	Power Double Lock Male Terminal 20-16 AWG	Datasheet	Details	Search
179593-1	50	Power Double Lock Female Terminal 20-16 AWG	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
91569-1	No







Wire-to-Wire Category

TE connectivity
Authorized
Distributor

Kit Part No. **2110837-1**

AMP Power Double Lock Connector Kit

Panel Mount Plug and Receptacle
with Extraction Tool

- 3.96mm Pitch
- 2, 3, 4 and 6 Circuits
- Male and 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.te-connectivity.com) including using only approved TE crimping tools in applications can result in improper installation and/or assembly which is hazardous and may cause or contribute to electrical fires. Please be sure only to install with proper training and experience.

142
pieces



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