



General Information

Kit Part Number:	2110827-4
Description:	Panel Mount Dual Row Plug and Crimp Receptacle Connector Kit
Application:	Appliance Industries, Car Alarm Systems, Computer Motherboards/Power Supplies, Gaming Industries, Harness Assemblies Used in Vending, Heating Systems
Family:	VAL-U-LOK
TE Brand:	AMP Products
Solution:	Power Connectors
Product Type:	Wire-to-Wire Connectors
Number of Pieces:	282
RoHS:	Yes

Specifications

Circuit Size(s):	2, 4, 6, 8, 10, 12, 14, 16, 18, 20
Current Rating:	9A
Flammability Rating:	UL94V-0
Mounting Style:	Panel Mount, Free-Hanging
Orientation:	Receptacles and Plugs
Pitch:	4.20mm (.165")
Rows:	Dual Row
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	24-18

Product Highlights

Products Highlights

VAL-U-LOK Series Headers and Connectors are available as a wire-to-board or wire-to-wire connector system designed for power applications. The housings and header assemblies are designed on 4.2 x 4.2 mm centerlines. The housings are polarized to prevent mis-mating. The vertical headers are available with or without mounting pegs and with drain holes.

Features and Benefits

- Easy mate and unmate with positive latch design
- 2-24 positions (even only)
- Receptacles, panel mount or free-hanging plugs, and vertical or right-angle pin headers
- Available in UL 94V-2 or UL 94V-0 flammability rated nylon
- Intermateable and interchangeable with Molex Mini-Fit, Jr. and intermateable AMP-DUAC connectors

Applications

- Computer Motherboards/Power Supplies
- Harness Assemblies Used in the Vending, Gaming and Appliance Industries
- Car Alarm Systems
- Heating Systems



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
2-1586019-0	3	Receptacle 20 Circuit	Datasheet	Details	Search
1586018-2	5	Panel Mount Plug, 2 Circuit	Datasheet	Details	Search
1586019-2	5	Free Hanging Receptacle, 2 Circuit	Datasheet	Details	Search
1586018-8	5	Panel Mount Plug, 8 Circuit	Datasheet	Details	Search
1586019-6	5	Receptacle, 6 Circuit	Datasheet	Details	Search
1586315-1-C	100	Female Crimp Terminals	Datasheet	Details	Search
1586018-6	5	Panel Mount Plug, 6 Circuit	Datasheet	Details	Search
1586314-1-C	100	Male Crimp Terminals	Datasheet	Details	Search
1586019-4	5	Free Hanging Receptacle, 4 Circuit	Datasheet	Details	Search
1586018-4	5	Panel Mount Plug, 4 Circuit	Datasheet	Details	Search
1-1586019-6	3	Receptacle 16 Circuit	Datasheet	Details	Search
1-1586019-2	4	Receptacle 12 Circuit	Datasheet	Details	Search
1-1586018-6	3	Plug 16 Circuit	Datasheet	Details	Search
1-1586018-2	4	Plug 12 Circuit	Datasheet	Details	Search
1-1586019-4	3	Receptacle 14 Circuit	Datasheet	Details	Search
1-1586019-0	5	Receptacle, 10 Circuit	Datasheet	Details	Search
1-1586018-4	3	Plug 14 Circuit	Datasheet	Details	Search
1-1586018-0	5	Panel Mount Plug, 10 Circuit	Datasheet	Details	Search
1586019-8	5	Free Hanging Receptacle, 8 Circuit	Datasheet	Details	Search
1-1586019-8	3	Receptacle 18 Circuit	Datasheet	Details	Search
1-1586018-8	3	Plug 18 Circuit	Datasheet	Details	Search
2-1586018-0	3	Plug 20 Circuit	Datasheet	Details	Search

Recommended Tool

Part No.	Included in Kit
9-1478240-0	No
91388-1	No







Wire-to-Board Category

Kit Part No. **2110827-4**

VAL-U-LOK Connector Kit

Panel Mount Dual Row Plug and Crimp Receptacle

- 4.2mm Pitch
- 2, 4, 6, 8, 10, 12, 14, 16, 18 and 20 Circuits
- Male and Female Crimp Terminals: 24-18 AWG
- 9 Amps, 600 Volts

Additional kits available at: www.productkits.com

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SAFETY: Failure to follow all instructions in Application Specification 334 5070 (available at www.te-connectivity.com), including using only approved TE crimping application, can result in improper installation and/or assembly which is dangerous and may cause or contribute to electrical fire. Should be used only by individuals with proper training and experience.

282
pieces



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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[2110827-4](#)