



General Information

Kit Part Number:	2110827-5
Description:	Free Hanging 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:	Free-Hanging
Orientation:	Receptacle, Plugs
Pitch:	4.20mm (.165")
Rows:	Dual Row
Tool Included:	No
Voltage Rating:	600V
Wire Gauge (AWG):	24-18

Product 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
2-1586017-0	3	Plug 20 Circuit	Datasheet	Details	Search
1-1586019-8	3	Receptacle 18 Circuit	Datasheet	Details	Search
1-1586017-8	3	Plug 18 Circuit	Datasheet	Details	Search
1-1586019-6	3	Receptacle 16 Circuit	Datasheet	Details	Search
1-1586017-6	3	Plug 16 Circuit	Datasheet	Details	Search
1-1586019-4	3	Receptacle 14 Circuit	Datasheet	Details	Search
1-1586017-4	3	Plug 14 Circuit	Datasheet	Details	Search
1-1586019-2	4	Receptacle 12 Circuit	Datasheet	Details	Search
1-1586017-2	4	Plug 12 Circuit	Datasheet	Details	Search
1-1586019-0	5	Receptacle, 10 Circuit	Datasheet	Details	Search
1-1586017-0	5	Plug 10 Circuit	Datasheet	Details	Search
1586019-8	5	Free Hanging Receptacle, 8 Circuit	Datasheet	Details	Search
1586017-8	5	Plug 8 Circuit	Datasheet	Details	Search
1586019-6	5	Receptacle, 6 Circuit	Datasheet	Details	Search
1586017-6	5	Plug 6 Circuit	Datasheet	Details	Search
1586019-4	5	Free Hanging Receptacle, 4 Circuit	Datasheet	Details	Search
1586017-4	5	Plug 4 Circuit	Datasheet	Details	Search
1586019-2	5	Free Hanging Receptacle, 2 Circuit	Datasheet	Details	Search
1586017-2	5	Plug 2 Circuit	Datasheet	Details	Search
1586315-1-C	100	Female Crimp Terminals	Datasheet	Details	Search
1586314-1-C	100	Male Crimp Terminals	Datasheet	Details	Search

Recommended Tool

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







Wire-to-Board Category

Kit Part No. **2110827-5**

VAL-U-LOK Connector Kit

Free Hanging 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: 24-28 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 tool 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 Name: TE Connectivity
Kit, Kitpack and assembled by
Waldom Electronics.