



## General Information

<b>Kit Part Number:</b>	<a href="#">2110827-3</a>
<b>Description:</b>	Dual Row Right Angle Header and Crimp Receptacle Connector Kit
<b>Application:</b>	Appliance Industries, Car Alarm Systems, Computer Motherboards/Power Supplies, Gaming Industries, Harness Assemblies Used in Vending, Heating Systems
<b>Family:</b>	VAL-U-LOK
<b>TE Brand:</b>	AMP Products
<b>Solution:</b>	Power Connectors
<b>Product Type:</b>	Wire-to-Board Connectors
<b>Number of Pieces:</b>	182
<b>RoHS:</b>	Yes

## Specifications

<b>Circuit Size(s):</b>	2, 4, 6, 8, 10, 12, 14, 16, 18, 20
<b>Current Rating:</b>	9A
<b>Flammability Rating:</b>	UL94V-0
<b>Mounting Style:</b>	Panel Mount, Free-Hanging
<b>Orientation:</b>	Right Angle Headers
<b>Pitch:</b>	4.20mm (.165")
<b>Rows:</b>	Dual Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	600V
<b>Wire Gauge (AWG):</b>	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
- Vending, Gaming and Appliance Industries
- Car Alarm Ssystems
- Heating Systems



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">2-1586019-0</a>	3	Receptacle 20 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-1586044-0</a>	3	Right Angle Header 20 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586019-8</a>	3	Receptacle 18 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586044-8</a>	3	Right Angle Header, 18 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586019-6</a>	3	Receptacle 16 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586044-6</a>	5	Right Angle Header, 6 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586044-6</a>	3	Right Angle Header 16 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586044-4</a>	3	Right Angle Header 14 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586019-2</a>	4	Receptacle 12 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586044-2</a>	5	Right Angle Header, 2 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586019-0</a>	5	Receptacle, 10 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586044-0</a>	5	Right Angle Header, 10 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586019-8</a>	5	Free Hanging Receptacle, 8 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586044-8</a>	5	Right Angle Header, 8 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586019-6</a>	5	Receptacle, 6 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586019-4</a>	5	Free Hanging Receptacle, 4 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586044-4</a>	5	Right Angle Header, 4 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586019-2</a>	5	Free Hanging Receptacle, 2 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586044-2</a>	4	Right Angle Header 12 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1586315-1-C</a>	100	Female Crimp Terminals	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-1586019-4</a>	3	Receptacle 14 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">9-1478240-0</a>	No
<a href="#">91388-1</a>	No







Wire-to-Board Category

Kit Part No. **2110827-3**

## VAL-U-LOK Connector Kit

Dual Row Right Angle Header and Crimp Receptacle

- 4.2mm Pitch
- 2, 4, 6, 8, 10, 12, 14, 16, 18 and 20-Circuits
- Female Crimp Terminals: 24-28 AWG
- 9 Amps, 600 Volts

Additional kits available at: [www.productkits.com](http://www.productkits.com)

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**SAFETY:** Follow all instructions in Application Specification 334 5079 (available at [www.te-connectivity.com](http://www.te-connectivity.com)), including using only approved TE tooling, if applicable, for correct and proper 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.

**182**  
pieces



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