



General Information

Kit Part Number:	2110827-1
Description:	Deluxe Panel Mount and Free Hanging Dual Row Vertical and Right Angle Header, Plug, Crimp Receptacle and Extraction Tool 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-Board Connectors, Wire-to-Wire Connectors
Number of Pieces:	351
RoHS:	Yes

Specifications

Circuit Size(s):	2, 4, 6, 8, 10
Current Rating:	9A
Flammability Rating:	UL94V-0
Mounting Style:	Panel Mount, Free-Hanging
Orientation:	Vertical Headers, Right Angle Headers
Pitch:	4.20mm (.165")
Rows:	Dual Row
Tool Included:	Yes
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
- 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
1586044-8	5	Right Angle Header, 8 Circuit	Datasheet	Details	Search
1-1586019-0	15	Receptacle, 10 Circuit	Datasheet	Details	Search
1-1586018-0	5	Panel Mount Plug, 10 Circuit	Datasheet	Details	Search
1-1586038-0	5	Vertical Header, 10 Circuit	Datasheet	Details	Search
1-1586044-0	5	Right Angle Header, 10 Circuit	Datasheet	Details	Search
1586038-6	5	Vertical Header, 6 Circuit	Datasheet	Details	Search
1586044-6	5	Right Angle Header, 6 Circuit	Datasheet	Details	Search
1586019-6	15	Receptacle, 6 Circuit	Datasheet	Details	Search
1586018-8	5	Panel Mount Plug, 8 Circuit	Datasheet	Details	Search
1586038-8	5	Vertical Header, 8 Circuit	Datasheet	Details	Search
1586018-6	5	Panel Mount Plug, 6 Circuit	Datasheet	Details	Search
1586044-4	5	Right Angle Header, 4 Circuit	Datasheet	Details	Search
1586038-4	5	Vertical Header, 4 Circuit	Datasheet	Details	Search
1586018-4	5	Panel Mount Plug, 4 Circuit	Datasheet	Details	Search
1586019-4	15	Free Hanging Receptacle, 4 Circuit	Datasheet	Details	Search
1586038-2	5	Vertical Header, 2 Circuit	Datasheet	Details	Search
1586315-1-C	100	Female Crimp Terminals	Datasheet	Details	Search
1586019-2	15	Free Hanging Receptacle, 2 Circuit	Datasheet	Details	Search
1586018-2	5	Panel Mount Plug, 2 Circuit	Datasheet	Details	Search
1586044-2	5	Right Angle Header, 2 Circuit	Datasheet	Details	Search
1586314-1-C	100	Male Crimp Terminals	Datasheet	Details	Search
1586343-1	1	Extraction Tool		Details	Search
1586019-8	15	Free Hanging Receptacle, 8 Circuit	Datasheet	Details	Search

Recommended Tool

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





Wire-to-Wire / Wire-to-Board Category

Kit Part No. **2110827-1**

BILL OF MATERIALS

For more product details visit www.pricelists.te.com/typ0110827-1

TE Part No.	Qty.	Alt. Part No.	Description	TE Part No.	Qty.	Alt. Part No.	Description
1586044-0	5		Right Angle Header, 8 Circuit	1586044-0	0	10	Panel Mount Plug, 2 Circuit
1586029-4	10		Free Hanging Receptacle, 8 Circuit	1586044-0	0	10	Right Angle Header, 2 Circuit
1586044-0	0		Panel Mount Plug, 10 Circuit	1586044-0	100	10	Male Strip Terminal
1586044-0	0		Vertical Header, 10 Circuit	1586044-1	1	10	Circuit Kit
1586044-0	0		Right Angle Header, 10 Circuit				
1586044-0	0		Vertical Header, 6 Circuit				
1586044-0	0		Right Angle Header, 6 Circuit				
1586029-4	10		Free Hanging Receptacle, 6 Circuit				
1586044-0	0		Panel Mount Plug, 6 Circuit				
1586044-0	0		Vertical Header, 8 Circuit				
1586044-0	0		Panel Mount Plug, 8 Circuit				
1586044-0	0		Free Hanging Receptacle, 4 Circuit				
1586044-0	0		Right Angle Header, 4 Circuit				
1586044-0	0		Vertical Header, 4 Circuit				
1586044-0	0		Panel Mount Plug, 4 Circuit				
1586029-4	10		Free Hanging Receptacle, 4 Circuit				
1586044-0	0		Vertical Header, 4 Circuit				
1586044-0	0		Panel Mount Plug, 4 Circuit				
1586044-0	0		Free Hanging Receptacle, 2 Circuit				

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	

Bin Diagram
This edge to edge

NOTE: Please contact China, local 012001 Lander 10700015 (for reserved)
Approved for assembly at www.pricelists.te.com or contact a TE Connectivity authorized distributor

Approved by Master Link M.L.L. & Inc. Ltd.

