



General Information

Kit Part Number:	2110829-1
Description:	Deluxe Surface Mount and Through Hole Single Row Vertical and Right Angle Box Header and Crimp Receptacle Connector Kit
Application:	Air Conditioning, Any Application Where Signals or Power are Routed, Audio, Business Equipment, C-TV, Fax, Industrial, Lighting Applications, PC, Printer, White Goods
Family:	AMP CT
TE Brand:	AMP Products
Solution:	Off the Board
Product Type:	Wire-to-Board Connectors
Number of Pieces:	476
RoHS:	Yes

Specifications

Circuit Size(s):	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
Current Rating:	2.5-4A
Mounting Style:	Through Hole, SMT (Surface Mount Technology)
Orientation:	Vertical Headers, Right Angle Headers
Pitch:	2.00mm (.079")
Rows:	Single Row
Tool Included:	No
Voltage Rating:	125V
Wire Gauge (AWG):	26-22

Product Highlights

The AMP CT Connectors are a miniature wire-to-board and wire-to-wire interconnect solution. The AMP CT Connector Series has proven performance in its harness making capability. A variety of harness-making machines are available ranging from hand tools for low volume production to high-speed automatic crimping machines for medium to high volume productions. AMP high-speed automatic crimping machines are easy to operate, eliminating the need for tedious work of changing parts inside the equipment to adapt to changes in harness styles. Two types of housings are available, including Crimp and Mass Terminated (MT), which are preloaded with insulation displacement contacts. The Box or shrouded headers are highly resistant to scooping at mating/ unmating.

Features and benefits

- Two kinds of termination method, IDC and Crimp
- Discrete wire interconnect
- Circuits range from 2-30, AWG 22-30
- Kinks for self-retention on boards
- RoHS compliant
- Recognized under the Component Program of Underwriters Laboratories Inc., File No. E28476 Certified by Canadian Standards Association, File No. LR 7189-133

Applications

- Business Equipment
- Industrial Machines
- PC



- Printer
- C- TV
- Audio
- Air Conditioner
- Lighting



Bill of Materials

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
179227-1	300	2mm AMP 26-22 AWG Mini CT Female Crimp Terminal	Datasheet	Details	Search
292174-2	2	Vertical Header Surface Mount, 2 Circuits	Datasheet	Details	Search
292174-3	2	Vertical Header Surface Mount, 3 Circuits	Datasheet	Details	Search
292174-4	2	Vertical Header Surface Mount, 4 Circuits	Datasheet	Details	Search
292174-5	2	Vertical Header, 5 Circuit Surface Mount	Datasheet	Details	Search
292174-6	2	Vertical Header Surface Mount, 6 Circuits	Datasheet	Details	Search
292174-7	2	Vertical Header, 7 Circuit Surface Mount	Datasheet	Details	Search
292174-8	2	Vertical Header Surface Mount, 8 Circuits	Datasheet	Details	Search
292174-9	2	Vertical Header, 9 Circuit Surface Mount	Datasheet	Details	Search
292173-2	2	Right Angle Header, 2 Circuit Surface Mount	Datasheet	Details	Search
292173-3	2	Right Angle Header, 3 Circuit Surface Mount	Datasheet	Details	Search
292173-4	2	Right Angle Header, 4 Circuit Surface Mount	Datasheet	Details	Search
292173-5	2	Right Angle Header, 5 Circuit Surface Mount	Datasheet	Details	Search
292173-6	2	Right Angle Header, 6 Circuit Surface Mount	Datasheet	Details	Search
292173-7	2	Right Angle Header, 7 Circuit Surface Mount	Datasheet	Details	Search
292173-8	2	Right Angle Header, 8 Circuit Surface Mount	Datasheet	Details	Search
292173-9	2	Right Angle Header, 9 Circuit Surface Mount	Datasheet	Details	Search
292132-3	2	Vertical Header, 3 Circuit Through Hole	Datasheet	Details	Search
292132-2	2	Vertical Header, 2 Circuit Through Hole	Datasheet	Details	Search
292132-4	2	Vertical Header, 4 Circuit Through Hole	Datasheet	Details	Search
292132-5	2	Vertical Header, 5 Circuit Through Hole	Datasheet	Details	Search
292132-6	2	Vertical Header, 6 Circuit Through Hole	Datasheet	Details	Search
292132-7	2	Vertical Header, 7 Circuit Through Hole	Datasheet	Details	Search
292132-8	2	Vertical Header, 8 Circuit Through Hole	Datasheet	Details	Search
292132-9	2	Vertical Header, 9 Circuit Through Hole	Datasheet	Details	Search
1-292132-0	2	Vertical Header, 10 Circuit Through Hole	Datasheet	Details	Search
1-292132-1	2	Vertical Header, 11 Circuit Through Hole	Datasheet	Details	Search
1-292132-2	2	Vertical Header, 12 Circuit Through Hole	Datasheet	Details	Search
1-292132-3	2	Vertical Header, 13 Circuit Through Hole	Datasheet	Details	Search



1-292132-4	2	Vertical Header, 14 Circuit Through Hole	Datasheet	Details	Search
1-292132-5	2	Vertical Header, 15 Circuit Through Hole	Datasheet	Details	Search
292250-2	2	Right Angle Header, 2 Circuit Through Hole	Datasheet	Details	Search
292250-3	2	Right Angle Header, 3 Circuit Through Hole	Datasheet	Details	Search
292250-4	2	Right Angle Header, 4 Circuit Through Hole	Datasheet	Details	Search
292250-5	2	Right Angle Header, 5 Circuit Through Hole	Datasheet	Details	Search
292250-6	2	Right Angle Header, 6 Circuit Through Hole	Datasheet	Details	Search
292250-7	2	Right Angle Header, 7 Circuit Through Hole	Datasheet	Details	Search
292250-8	2	Right Angle Header, 8 Circuit Through Hole	Datasheet	Details	Search
292250-9	2	Right Angle Header, 9 Circuit Through Hole	Datasheet	Details	Search
1-292250-0	2	Right Angle Header, 10 Circuit Through Hole	Datasheet	Details	Search
1-292250-1	2	Right Angle Header, 11 Circuit Through Hole	Datasheet	Details	Search
1-292250-2	2	Right Angle Header, 12 Circuit Through Hole	Datasheet	Details	Search
1-292250-3	2	Right Angle Header, 13 Circuit Through Hole	Datasheet	Details	Search
1-292250-4	2	Right Angle Header, 14 Circuit Through Hole	Datasheet	Details	Search
1-292250-5	2	Right Angle Header, 15 Circuit Through Hole	Datasheet	Details	Search
179228-2	8	Crimp Receptacle Housing, 2 Circuits	Datasheet	Details	Search
179228-3	8	Crimp Receptacle Housing, 3 Circuits	Datasheet	Details	Search
179228-4	8	Crimp Receptacle Housing, 4 Circuits	Datasheet	Details	Search
179228-5	8	Crimp Receptacle Housing, 5 Circuit	Datasheet	Details	Search
179228-6	8	Crimp Receptacle Housing, 6 Circuits	Datasheet	Details	Search
179228-7	8	Crimp Receptacle Housing, 7 Circuit	Datasheet	Details	Search
179228-8	8	Crimp Receptacle Housing, 8 Circuits	Datasheet	Details	Search
179228-9	8	Crimp Receptacle Housing, 9 Circuit	Datasheet	Details	Search
1-179228-0	4	Crimp Receptacle Housing, 10 Circuit	Datasheet	Details	Search
1-179228-1	4	Crimp Receptacle Housing, 11 Circuit	Datasheet	Details	Search
1-179228-2	4	Crimp Receptacle Housing, 12 Circuit	Datasheet	Details	Search
1-179228-3	4	Crimp Receptacle Housing, 13 Circuit	Datasheet	Details	Search
1-179228-4	4	Crimp Receptacle Housing, 14 Circuit	Datasheet	Details	Search
1-179228-5	4	Crimp Receptacle Housing, 15 Circuit	Datasheet	Details	Search



Recommended Tool

Part No.	Included in Kit
91572-1	No





Wire-to-Board Category

Part No. 2110829-1

BILL OF MATERIALS

For more information visit www.products.te.com/Key2110829-1

TE Part No.		Description		TE Part No.		Description	
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	21	High High Density 12 Contact Through Hole	4000000	21
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	22	High High Density 12 Contact Through Hole	4000000	22
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	23	High High Density 12 Contact Through Hole	4000000	23
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	24	High High Density 12 Contact Through Hole	4000000	24
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	25	High High Density 12 Contact Through Hole	4000000	25
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	26	High High Density 12 Contact Through Hole	4000000	26
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	27	High High Density 12 Contact Through Hole	4000000	27
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	28	High High Density 12 Contact Through Hole	4000000	28
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	29	High High Density 12 Contact Through Hole	4000000	29
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	30	High High Density 12 Contact Through Hole	4000000	30
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	31	High High Density 12 Contact Through Hole	4000000	31
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	32	High High Density 12 Contact Through Hole	4000000	32
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	33	High High Density 12 Contact Through Hole	4000000	33
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	34	High High Density 12 Contact Through Hole	4000000	34
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	35	High High Density 12 Contact Through Hole	4000000	35
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	36	High High Density 12 Contact Through Hole	4000000	36
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	37	High High Density 12 Contact Through Hole	4000000	37
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	38	High High Density 12 Contact Through Hole	4000000	38
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	39	High High Density 12 Contact Through Hole	4000000	39
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	40	High High Density 12 Contact Through Hole	4000000	40
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	41	High High Density 12 Contact Through Hole	4000000	41
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	42	High High Density 12 Contact Through Hole	4000000	42
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	43	High High Density 12 Contact Through Hole	4000000	43
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	44	High High Density 12 Contact Through Hole	4000000	44
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	45	High High Density 12 Contact Through Hole	4000000	45
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	46	High High Density 12 Contact Through Hole	4000000	46
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	47	High High Density 12 Contact Through Hole	4000000	47
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	48	High High Density 12 Contact Through Hole	4000000	48
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	49	High High Density 12 Contact Through Hole	4000000	49
2110829-1	1	High High Density 12 Contact Surface Mount	4000000	50	High High Density 12 Contact Through Hole	4000000	50

Bin Diagram
Click image to enlarge

NCV: Not Recommended. Contact your TE Distributor for more information.
 Additional information visit www.products.te.com or contact a TE Distributor, authorized distributor.

Approved by Waldom Electronics 4-04-12





Wire-to-Board Category

TE connectivity Authorized Distributor

Kit Part No. **2110829-1**

AMP CT Connector Kit

Deluxe Surface Mount and Through Hole Single Row Vertical, Right Angle Box Header and Crimp Receptacle

- 2.0mm Pitch
- Surface Mount: 2, 3, 4, 5, 6, 7, 8 and 9 Circuits
- Through Hole: 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 and 15 Circuits
- Female Crimp Terminals: 26-22 AWG
- 2.5-4 Amps¹, 125 Volts

¹ Dependent on AWG

Additional kits available at: www.productkits.com

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DANGER: Failure to follow all instructions in Application Specification 214-5179, 214-5214, 214-5203 (available at www.te.com/connectivity), including using only approved TE tooling (if applicable), can result in improper installation and/or crimping which is dangerous and may cause or contribute to electrical fires. Should be used only by individuals with proper training and experience.

476
pieces



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