



## General Information

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

## Specifications

<b>Circuit Size(s):</b>	2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15
<b>Current Rating:</b>	2.5-4A
<b>Mounting Style:</b>	Through Hole, SMT (Surface Mount Technology)
<b>Orientation:</b>	Vertical Headers, Right Angle Headers
<b>Pitch:</b>	2.00mm (.079")
<b>Rows:</b>	Single Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	125V
<b>Wire Gauge (AWG):</b>	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
<a href="#">179227-1</a>	300	2mm AMP 26-22 AWG Mini CT Female Crimp Terminal	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-2</a>	2	Vertical Header Surface Mount, 2 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-3</a>	2	Vertical Header Surface Mount, 3 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-4</a>	2	Vertical Header Surface Mount, 4 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-5</a>	2	Vertical Header, 5 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-6</a>	2	Vertical Header Surface Mount, 6 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-7</a>	2	Vertical Header, 7 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-8</a>	2	Vertical Header Surface Mount, 8 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292174-9</a>	2	Vertical Header, 9 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-2</a>	2	Right Angle Header, 2 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-3</a>	2	Right Angle Header, 3 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-4</a>	2	Right Angle Header, 4 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-5</a>	2	Right Angle Header, 5 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-6</a>	2	Right Angle Header, 6 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-7</a>	2	Right Angle Header, 7 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-8</a>	2	Right Angle Header, 8 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292173-9</a>	2	Right Angle Header, 9 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-3</a>	2	Vertical Header, 3 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-2</a>	2	Vertical Header, 2 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-4</a>	2	Vertical Header, 4 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-5</a>	2	Vertical Header, 5 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-6</a>	2	Vertical Header, 6 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-7</a>	2	Vertical Header, 7 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-8</a>	2	Vertical Header, 8 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">292132-9</a>	2	Vertical Header, 9 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292132-0</a>	2	Vertical Header, 10 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292132-1</a>	2	Vertical Header, 11 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292132-2</a>	2	Vertical Header, 12 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292132-3</a>	2	Vertical Header, 13 Circuit Through Hole	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>



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



### Recommended Tool

Part No.	Included in Kit
<a href="#">91572-1</a>	No







**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 Amps<sup>1</sup>, 125 Volts

<sup>1</sup> Dependent on AWG

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