



### General Information

<b>Kit Part Number:</b>	<a href="#">2110828-9</a>
<b>Description:</b>	Deluxe Surface Mount Single Row Vertical and Right Angle Header and Crimp Receptacle Connector Kit
<b>Application:</b>	Any Application Where Signals or Power are Routed, Business Equipment, Consumer Electronics, Industrial Machines
<b>Family:</b>	AMP Mini 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>	272
<b>RoHS:</b>	Yes

### Specifications

<b>Circuit Size(s):</b>	10, 12, 14, 16, 18, 20
<b>Current Rating:</b>	1-3A
<b>Mounting Style:</b>	SMT (Surface Mount Technology)
<b>Orientation:</b>	Vertical Headers, Right Angle Headers
<b>Pitch:</b>	1.5mm
<b>Rows:</b>	Single Row
<b>Tool Included:</b>	No
<b>Voltage Rating:</b>	250V
<b>Wire Gauge (AWG):</b>	28-24

### Product Highlights

TE Connectivity's AMP Mini CT connectors are a miniature wire-to-board interconnect solution. Similar to the standard AMP CT Connector Series that has proven performance in harness-making capability. A variety of harness-making machines are available ranging from hand tools for low volume production to automatic crimping machines. Two types of housings are available, including Crimp and Mass Terminated (MT), which are preloaded with insulation displacement contacts. These connectors are designed with contacts on 1.5 mm pitch.

#### Features and Benefits

- Discrete wire interconnect
- Circuits range from 2-10
- AWG 22-30
- Kinks and solder pads for self-retention on boards
- Recognized under the component program of Underwriters Laboratories Inc., file No. E28476 and Canadian Standards Association, File No. LR 7189-133

#### Applications

- Business Equipment
- Consumer Electronics
- Industrial Machines
- Any application where signals or power are routed



**Bill of Materials**

Part No.	Qty In Kit	Description	Datasheet	P/N Details	Search Distributors Inventory
<a href="#">2-292227-0</a>	3	Right Angle Header, 20 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">353907-1-C</a>	200	1.5mm AMP Mini CT Female Crimp Terminal	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292227-8</a>	3	Right Angle Header, 18 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292227-6</a>	3	Right Angle Header, 16 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292227-4</a>	3	Right Angle Header, 14 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292227-2</a>	3	Right Angle Header, 12 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292227-0</a>	3	Right Angle Header, 10 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292230-0</a>	3	Vertical Header, 10 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292230-2</a>	3	Vertical Header, 12 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292230-4</a>	3	Vertical Header, 14 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292230-6</a>	3	Vertical Header, 16 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-292230-8</a>	3	Vertical Header, 18 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-292230-0</a>	3	Vertical Header, 20 Circuit Surface Mount	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-353908-0</a>	6	Crimp Receptacle, 10 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-353908-2</a>	6	Crimp Receptacle, 12 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-353908-4</a>	6	Crimp Receptacle, 14 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-353908-6</a>	6	Crimp Receptacle, 16 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">1-353908-8</a>	6	Crimp Receptacle, 18 Circuits	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>
<a href="#">2-353908-0</a>	6	Crimp Receptacle, 20 Circuit	<a href="#">Datasheet</a>	<a href="#">Details</a>	<a href="#">Search</a>

**Recommended Tool**

Part No.	Included in Kit
<a href="#">1729069-1</a>	No







Wire-to-Board Category

Kit Part No. **2110828-9**

## AMP Mini CT Connector Kit

Deluxe Through Hole Single Row Vertical and  
Right Angle Header and Crimp Receptacle

- 1.5mm Pitch
  - 10, 12, 14, 16, 18 and 20 Circuits
  - Female Crimp Terminal: 28-24 AWG
  - 1-3 Amps<sup>1</sup>, 250 Volts
- <sup>1</sup> Dependent on RMS

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

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**WARNING:** Failure to follow all instructions in Application Specification 104-5040 (available at [www.te-connectivity.com](http://www.te-connectivity.com)), including using only approved TE wiring, if applicable, can result in improper installation, and/or resulting electric shock, fire, explosion, and/or other safety hazards. Please refer only to individuals with proper training and experience.

**272**  
pieces



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