



General Information

| | |
|--------------------------|---|
| Kit Part Number: | 2110828-7 |
| Description: | Deluxe Surface Mount and Through Hole Single Row Vertical and Right Angle Header and Crimp Receptacle Connector Kit |
| Application: | Any Application Where Signals or Power are Routed, Business Equipment, Consumer Electronics, Industrial Machines |
| Family: | AMP Mini CT |
| TE Brand: | AMP Products |
| Solution: | Off the Board |
| Product Type: | Wire-to-Board Connectors |
| Number of Pieces: | 464 |
| RoHS: | Yes |

Specifications

| | |
|--------------------------|--|
| Circuit Size(s): | 2, 3, 4, 6, 8, 10, 12, 14, 16, 18, 20 |
| Current Rating: | 1-3A |
| Mounting Style: | Through Hole, SMT (Surface Mount Technology) |
| Orientation: | Vertical Headers, Right Angle Headers |
| Pitch: | 1.5mm |
| Rows: | Single Row |
| Tool Included: | No |
| Voltage Rating: | 250V |
| Wire Gauge (AWG): | 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 |
|----------------------------|------------|--|---------------------------|-------------------------|-------------------------------|
| 292206-2 | 2 | Right Angle Header, 2 Circuit Through Hole | Datasheet | Details | Search |
| 292206-3 | 2 | Right Angle Header, 3 Circuit Through Hole | Datasheet | Details | Search |
| 292206-4 | 2 | Right Angle Header, 4 Circuit Through Hole | Datasheet | Details | Search |
| 292206-6 | 2 | Right Angle Header, 6 Circuit Through Hole | Datasheet | Details | Search |
| 292206-8 | 2 | Right Angle Header, 8 Circuit Through Hole | Datasheet | Details | Search |
| 1-292206-0 | 2 | Right Angle Header, 10 Circuit Through Hole | Datasheet | Details | Search |
| 1-292206-4 | 2 | Right Angle Header, 14 Circuit Through Hole | Datasheet | Details | Search |
| 1-292206-2 | 2 | Right Angle Header, 12 Circuit Through Hole | Datasheet | Details | Search |
| 1-292206-6 | 2 | Right Angle Header, 16 Circuit Through Hole | Datasheet | Details | Search |
| 1-292206-8 | 2 | Right Angle Header, 18 Circuit Through Hole | Datasheet | Details | Search |
| 2-292206-0 | 2 | Right Angle Header, 20 Circuit Through Hole | Datasheet | Details | Search |
| 292207-2 | 2 | Vertical Header, 2 Circuit Through Hole | Datasheet | Details | Search |
| 292207-3 | 2 | Vertical Header, 3 Circuit Through Hole | Datasheet | Details | Search |
| 292207-4 | 2 | Vertical Header, 4 Circuit Through Hole | Datasheet | Details | Search |
| 292207-6 | 2 | Vertical Header, 6 Circuit Through Hole | Datasheet | Details | Search |
| 292207-8 | 2 | Vertical Header, 8 Circuit Through Hole | Datasheet | Details | Search |
| 1-292207-0 | 2 | Vertical Header, 10 Circuit Through Hole | Datasheet | Details | Search |
| 1-292207-2 | 2 | Vertical Header, 12 Circuit Through Hole | Datasheet | Details | Search |
| 1-292207-4 | 2 | Vertical Header, 14 Circuit Through Hole | Datasheet | Details | Search |
| 1-292207-6 | 2 | Vertical Header, 16 Circuit Through Hole | Datasheet | Details | Search |
| 1-292207-8 | 2 | Vertical Header, 18 Circuit Through Hole | Datasheet | Details | Search |
| 2-292207-0 | 2 | Vertical Header, 20 Circuit Through Hole | Datasheet | Details | Search |
| 292228-3 | 2 | Right Angle Header, 3 Circuit Surface Mount | Datasheet | Details | Search |
| 292228-4 | 2 | Right Angle Header, 4 Circuit Surface Mount | Datasheet | Details | Search |
| 292228-6 | 2 | Right Angle Header, 6 Circuit Surface Mount | Datasheet | Details | Search |
| 292228-8 | 2 | Right Angle Header, 8 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292228-0 | 2 | Right Angle Header, 10 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292228-2 | 2 | Right Angle Header, 12 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292228-4 | 2 | Right Angle Header, 14 Circuit Surface Mount | Datasheet | Details | Search |



| | | | | | |
|----------------------------|-----|--|---------------------------|-------------------------|------------------------|
| 1-292228-6 | 2 | Right Angle Header, 16 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292228-8 | 2 | Right Angle Header, 18 Circuit Surface Mount | Datasheet | Details | Search |
| 292230-3 | 2 | Vertical Header, 3 Circuit Surface Mount | Datasheet | Details | Search |
| 292230-4 | 2 | Vertical Header, 4 Circuit Surface Mount | Datasheet | Details | Search |
| 292230-6 | 2 | Vertical Header, 6 Circuit Surface Mount | Datasheet | Details | Search |
| 292230-8 | 2 | Vertical Header, 8 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292230-0 | 2 | Vertical Header, 10 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292230-2 | 2 | Vertical Header, 12 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292230-4 | 2 | Vertical Header, 14 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292230-6 | 2 | Vertical Header, 16 Circuit Surface Mount | Datasheet | Details | Search |
| 1-292230-8 | 2 | Vertical Header, 18 Circuit Surface Mount | Datasheet | Details | Search |
| 2-292230-0 | 2 | Vertical Header, 20 Circuit Surface Mount | Datasheet | Details | Search |
| 353908-2 | 4 | Crimp Receptacle, 2 Circuit | Datasheet | Details | Search |
| 353908-3 | 8 | Crimp Receptacle, 3 Circuit | Datasheet | Details | Search |
| 353908-4 | 8 | Crimp Receptacle, 4 Circuit | Datasheet | Details | Search |
| 353908-6 | 8 | Crimp Receptacle, 6 Circuit | Datasheet | Details | Search |
| 353908-8 | 8 | Crimp Receptacle, 8 Circuit | Datasheet | Details | Search |
| 1-353908-0 | 8 | Crimp Receptacle, 10 Circuits | Datasheet | Details | Search |
| 1-353908-2 | 8 | Crimp Receptacle, 12 Circuits | Datasheet | Details | Search |
| 1-353908-4 | 8 | Crimp Receptacle, 14 Circuits | Datasheet | Details | Search |
| 1-353908-6 | 8 | Crimp Receptacle, 16 Circuits | Datasheet | Details | Search |
| 1-353908-8 | 8 | Crimp Receptacle, 18 Circuits | Datasheet | Details | Search |
| 2-353908-0 | 6 | Crimp Receptacle, 20 Circuit | Datasheet | Details | Search |
| 353907-1-C | 300 | 1.5mm AMP Mini CT Female Crimp Terminal | Datasheet | Details | Search |

Recommended Tool

| Part No. | Included in Kit |
|---------------------------|-----------------|
| 1729069-1 | No |





Part No. **2110828-7**

WIRE-TO-BOARD CATEGORY

BILL OF MATERIALS

For more information visit www.pricereliefs.com/Part2110828-7

| TE Part No. | Qty | TE Part No. | Qty | TE Part No. | Qty | TE Part No. | Qty |
|-------------|-----|---|-----------|-------------|-----|-------------|-----|
| 100100-1 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-1 | 10 | 10 | 100100-1 | 10 |
| 100100-2 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-2 | 10 | 10 | 100100-2 | 10 |
| 100100-3 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-3 | 10 | 10 | 100100-3 | 10 |
| 100100-4 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-4 | 10 | 10 | 100100-4 | 10 |
| 100100-5 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-5 | 10 | 10 | 100100-5 | 10 |
| 100100-6 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-6 | 10 | 10 | 100100-6 | 10 |
| 100100-7 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-7 | 10 | 10 | 100100-7 | 10 |
| 100100-8 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-8 | 10 | 10 | 100100-8 | 10 |
| 100100-9 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-9 | 10 | 10 | 100100-9 | 10 |
| 100100-10 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-10 | 10 | 10 | 100100-10 | 10 |
| 100100-11 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-11 | 10 | 10 | 100100-11 | 10 |
| 100100-12 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-12 | 10 | 10 | 100100-12 | 10 |
| 100100-13 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-13 | 10 | 10 | 100100-13 | 10 |
| 100100-14 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-14 | 10 | 10 | 100100-14 | 10 |
| 100100-15 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-15 | 10 | 10 | 100100-15 | 10 |
| 100100-16 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-16 | 10 | 10 | 100100-16 | 10 |
| 100100-17 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-17 | 10 | 10 | 100100-17 | 10 |
| 100100-18 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-18 | 10 | 10 | 100100-18 | 10 |
| 100100-19 | 1 | Right Angle Header 10 Circuit Surface Mount | 100100-19 | 10 | 10 | 100100-19 | 10 |
| 100100-20 | 1 | Vertical Header 10 Circuit Surface Mount | 100100-20 | 10 | 10 | 100100-20 | 10 |

| | | | | | |
|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | | | |

Bit Diagram
This wire to header

NOTE: Please contact our Sales Dept. (724) 222-2222 for more information.
Shipping info available at www.pricereliefs.com or contact a PR Customer Support Specialist.

Approved by Waldom Electronics for the LDC





Wire-to-Board Category

TE connectivity Authorized Distributor

Kit Part No. **2110828-7**

AMP Mini CT Connector Kit

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

- 3.5mm Pitch
- 2, 3, 4, 6, 8, 10, 12, 14, 16, 18 and 20 Circuits
- Male and Female Crimp Terminals: 28-24 AWG
- 1-3 Amps (Max.), 250 Volt

Additional Kits available at www.productkits.com

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DANGER: Failure to follow all instructions in Application Specification 314-5245 (available at www.te.com/documents), 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.

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pieces



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