

1-175161-1 ✓ ACTIVE

## AMP CT

TE Internal #: 1-175161-1

Connector Contact, Socket, Wire-to-Board / Wire-to-Wire, 26 – 22

AWG Wire Size, .12 – .4 mm<sup>2</sup> Wire Size, Tin, Strip, Wire & Cable, 4

A, Signal, AMP CT

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[Connectors](#) > [PCB Connectors](#) > [Wire-to-Board Connectors](#) > [Wire-to-Board Connector Contacts](#) > [AMP COMMON TERMINATION CONTACTS](#)



Contact Type: **Socket**

Connector System: **Wire-to-Board, Wire-to-Wire**

Wire Size: **.12 – .4 mm<sup>2</sup>**

Contact Mating Area Plating Material: **Tin**

[All AMP COMMON TERMINATION CONTACTS \(7\)](#)

## Features

### Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
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### Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	125 VAC

### Contact Features

Mating Pin Diameter	.6 mm[.023 in]
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Shape & Form	Rectangular
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Tin
Contact Current Rating (Max)	4 A

### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Dimensions

Accepts Wire Insulation Diameter Range	1.1 – 1.5 mm [.043 – .059 in]
Wire Size	.12 – .4 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Quantity	20
Packaging Method	Strip

### Other

Comment	10 pieces per carrier.
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## Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent

chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts



TE Part # CAT-AM7017-C7671  
AMP COMMON TERMINATION CONTACTS



TE Part # CAT-3983178-PHBXVD  
CT 2mm Post Header Asmbly: Box V DIP



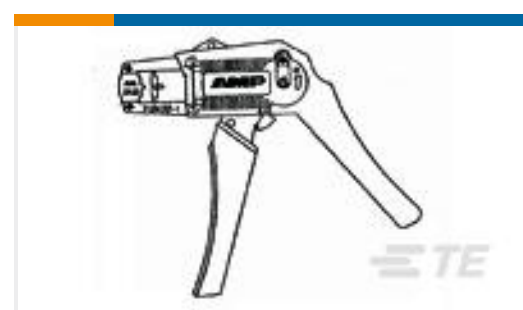
TE Part # 292253-2  
CT CONN MT HDR ASSY H 2P NAT



TE Part # 292250-2  
CT P/HDR BOX H ASSY 2P W/KINK



TE Part # 292254-2  
CT RELAY HDR ASSY 2P NAT

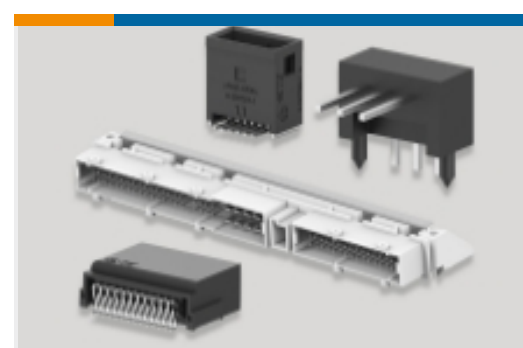


TE Part # 918438-1  
PISTOL GRIP H/T FOR CT CRIMP

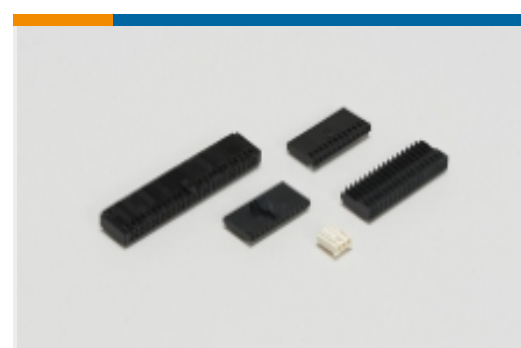
## Also in the Series | AMP CT



PCB Connector Mounting(46)



PCB Headers & Receptacles(756)



Wire-to-Board Connector Assemblies & Housings(256)



Wire-to-Board Connector Contacts(8)

## Documents

### Product Drawings

[AMP CT CRIMP REC COMB CUT](#)

English

### CAD Files

[3D PDF](#)

[3D](#)



**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-175161-1\\_O.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-175161-1\\_O.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-175161-1\\_O.3d\\_stp.zip](#)

English

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**Product Specifications**

[Application Specification](#)

English

[Crimping AMP 2.0mm Pitch CT Receptacle Contact](#)

English

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**Product Environmental Compliance**

[TE Material Declaration](#)

English