



AMP CT

TE Internal #: 1-175102-1

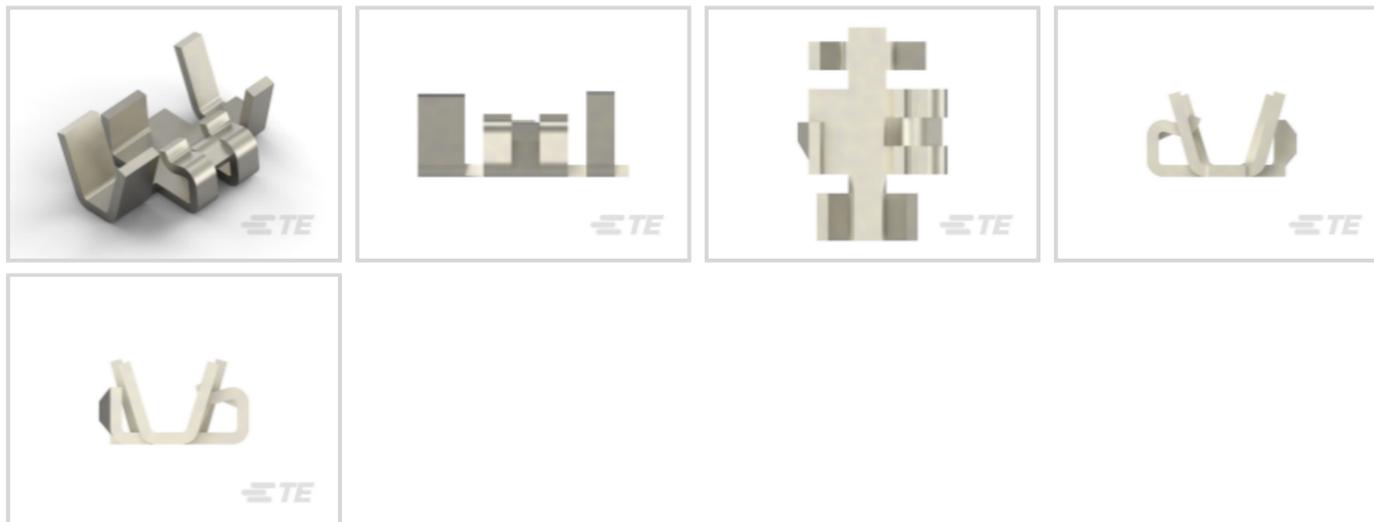
Connector Contact, Socket, Wire-to-Board / Wire-to-Wire, 26 – 22

AWG Wire Size, .12 – .4 mm² Wire Size, Tin, Reel, Wire & Cable, 4

A, Signal, AMP CT

[View on TE.com >](#)

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 mm²**

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 Thickness	.8 μm
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.8 μm



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 ²

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	20000
Packaging Method	Reel

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 # 2305570-1
Strip Terminal Cutter-Side Feed-No Crimp



TE Part # 175778-5
CT CRIMP REC HSG 5P NATURAL



TE Part # 2-2151095-1
OCEAN_2.0_APPLICATOR-S-051F0800



TE Part # 2-2151095-2
OCEAN_2.0_APPLICATOR-S-051F0800A



TE Part # 2151095-1
OCEAN_2.0_APPLICATOR-S-051F0800



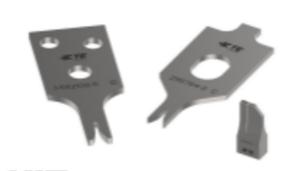
TE Part # 2151095-2
OCEAN_2.0_APPLICATOR-S-051F0800A



TE Part # 7-2151095-1
OCEAN_2.0_APPLICATOR-S-051F0800



TE Part # 7-2151095-2
OCEAN_2.0_APPLICATOR-S-051F0800A



KIT
REPRESENTATION ONLY

TE Part # 7-2151095-7
OCEAN_2.0_SPARE_PART_KIT-051F0800

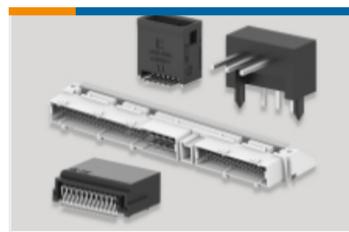


TE Part # 918438-1
PISTOL GRIP H/T FOR CT CRIMP

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 CONTACT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-175102-1_P_c-1-175102-1-p.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-175102-1_P_c-1-175102-1-p.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-175102-1_P_c-1-175102-1-p.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English

Crimping AMP 2.0mm Pitch CT Receptacle Contact

English

Product Environmental Compliance

TE Material Declaration

English