



AMP CT

TE Internal #: 6-179228-2

AMP CT, Housing, Receptacle, Wire-to-Wire / Wire-to-Board, 2 Position, 2mm [.079in] Centerline, Crimp, 1 Row, Black Housing Color, Wire & Cable

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > AMP COMMON TERMINATION HOUSINGS



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board, Wire-to-Wire**
Number of Positions: **2**
Centerline (Pitch): **2 mm [.079 in]**

[All AMP COMMON TERMINATION HOUSINGS \(149\)](#)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	125 VAC

Contact Features

Contact Layout	Inline
Contact Type	Socket
Contact Current Rating (Max)	4 A

Termination Features



Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	2 mm[.079 in]
Housing Color	Black

Dimensions

Connector Length	6 mm[.236 in]
Connector Height	6.6 mm[.26 in]
Connector Width	4.6 mm[.181 in]
Wire Size	30 – 22 AWG

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0
UL File Number	E28476
Agency/Standard	CSA, UL
CSA File Number	LR 7189

Packaging Features

Packaging Quantity	1500
Packaging Method	Bag/Box

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

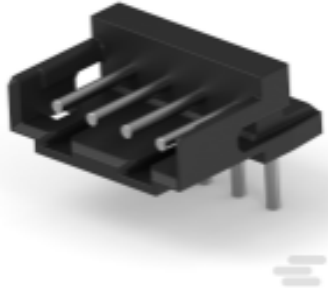
Product Compliance Disclaimer

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>

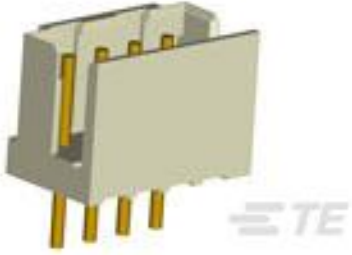
Compatible Parts

 TE Part # CAT-3984552-PHITPS CT Post Header Assembly: Part. Shrouded	 TE Part # CAT-AM7017-H342 AMP COMMON TERMINATION HEADERS	 TE Part # CAT-3980655-RHAWP CT Relay Header Assembly: Wire-to-Panel	 TE Part # CAT-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded
 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assy w/Kink - Vert.	 TE Part # CAT-3980655-RHAFH CT Relay Header Assembly: Free Hanging	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP	 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink

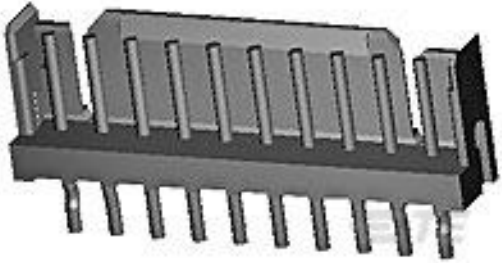




TE Part # CAT-3980407-RHRRRA
CT 2mm Header Assembly: Right Angle

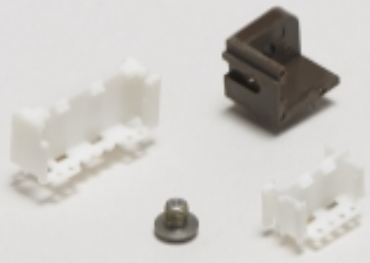


TE Part # 6-292165-2
CT P/HDR BOX V 2P T/P BLACK



TE Part # 6-292170-2
CT P/HDR ASSY 2P V W/O KINK T

Also in the Series | AMP CT



PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)

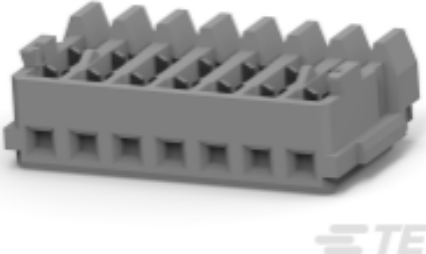


Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought



TE Part #1-353908-3
Mini Common Termination (CT) Housings



TE Part #1-1825910-8
FSM10JH=6MM TACT SWITCH, HIGH TEMP



TE Part #1-2176337-4
CRGCQ 0402 120R 1%



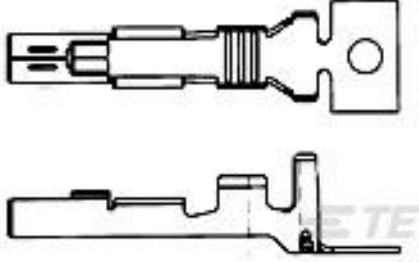
TE Part #1-2176325-9
CRGP 0402 330R 1%



TE Part #84727-1
MINI COMMON TERMINATION CONTACTS



TE Part #170022-2
RING TERMINAL 26-22 AWG 0.140 X .260 BR



TE Part #1123907-1
1.5 MINI CT LATTICE POWER REC



TE Part #1-175133-6
CT DOUBLE ROW 16P HOLDER NATU.



TE Part #1-175133-8
CT DOUBLE ROW 18P HOLDER NATU.



TE Part #170284-1
SPARK SUPPRESSER CONTACT TIN P



Documents

Product Drawings

CT CRIMP-2 REC HSG 2P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-179228-2_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-179228-2_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-179228-2_N1.3d_stp.zip

English

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

Datasheets & Catalog Pages

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

Product Specifications

Crimping of AMP 2.0mm Pitch, CT Crimp Typell Rec Contact

English

Application Specification

English

Product Environmental Compliance

MD_6-179228-2_01092017353_dmtec

English

MD_6-179228-2_01092017353_dmtec

English

Agency Approvals

Agency Approval Document

English