



AMP CT

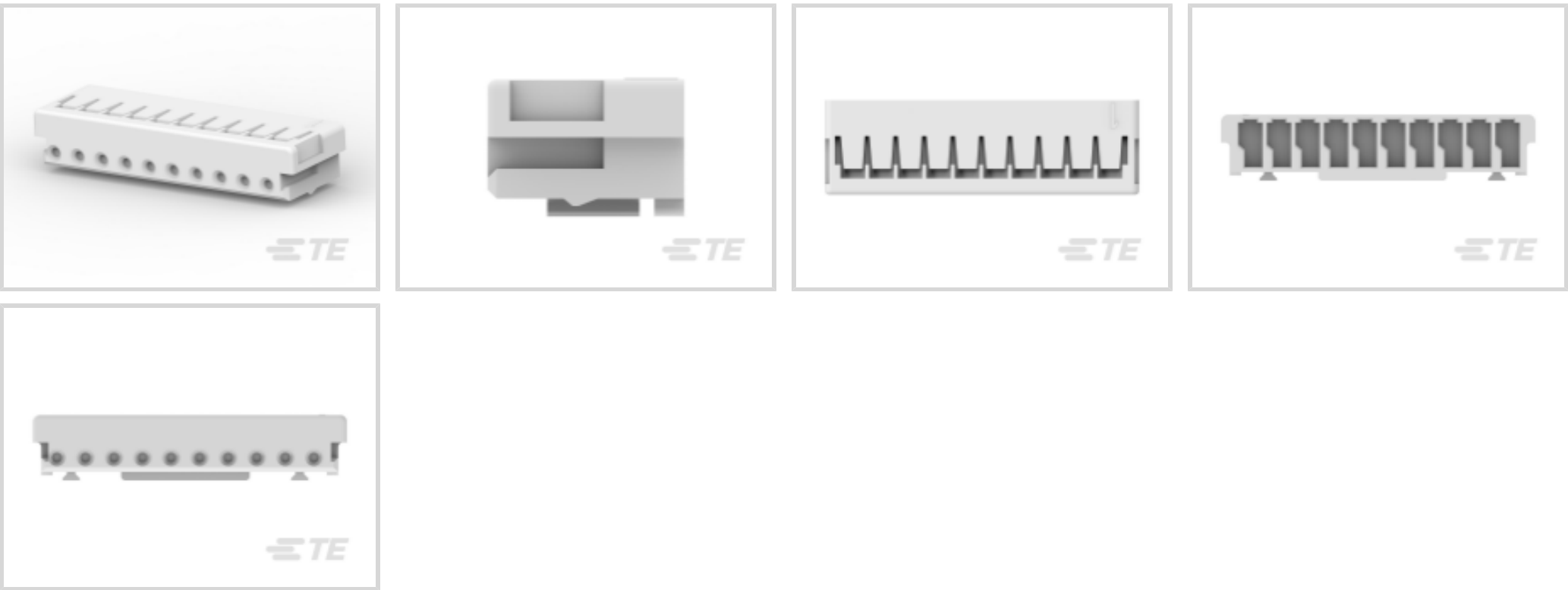
TE Internal #: 1-179228-0

AMP CT, Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 10 Position, 2mm [.079in] Centerline, Crimp, 1 Row, Natural 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: **10**
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	10
Number of Rows	1

Electrical Characteristics

Dielectric Withstanding Voltage (Max)	5000 VAC
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	Natural

Dimensions

Connector Length	22 mm[.866 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-AM7017-C7671
AMP COMMON TERMINATION CONTACTS



TE Part # CAT-3980408-PHDWKV
CT 2mm Post Header Assy w/Kink - Vert.

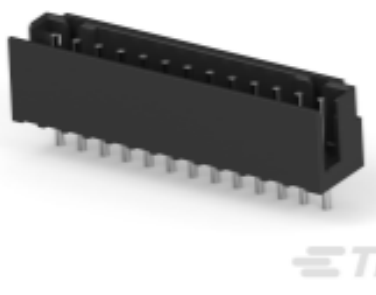


TE Part # CAT-3980407-RHDRRA
CT 2mm Header Assembly: Right Angle

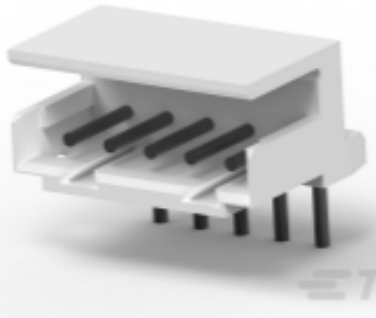


TE Part # CAT-AM7017-H342
AMP COMMON TERMINATION HEADERS

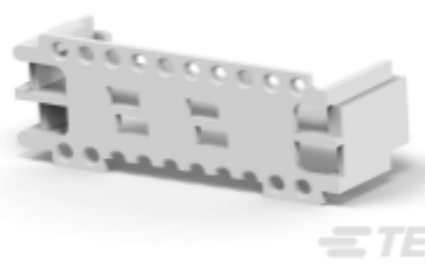




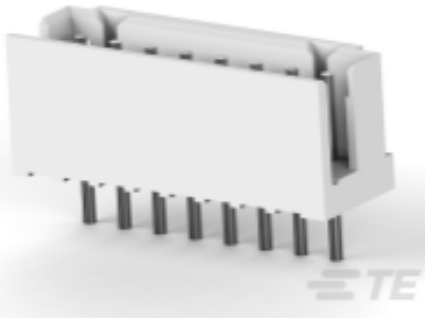
TE Part # CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP



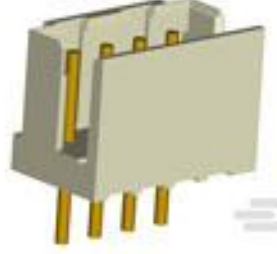
TE Part # CAT-3983174-PHBXHK
CT 2mm Post Header Assembly Box H Kink



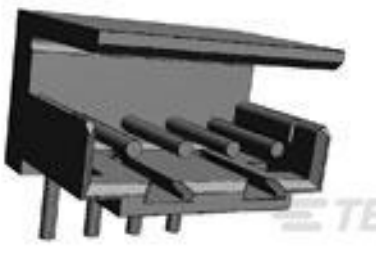
TE Part # 2-179472-0
CT DBL ROW HOLDER,CRIMP,20P,NA



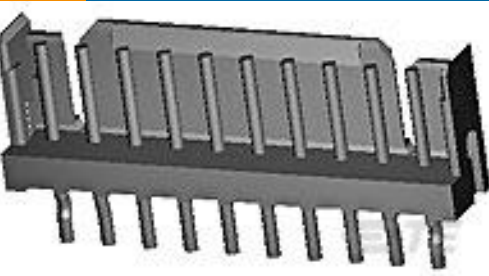
TE Part # CAT-3980408-PHDBXV
CT 2mm Post Header Assembly: Box-V



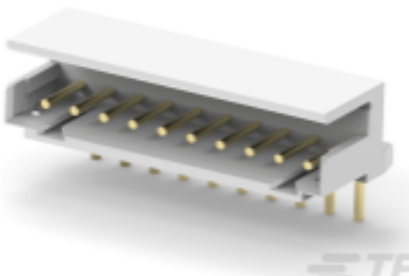
TE Part # 1-292134-0
CT BOX HDR ASSY V 10P AU W/KIN



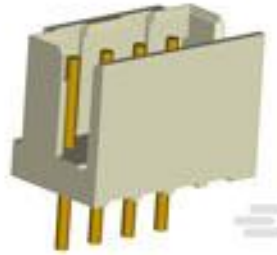
TE Part # 1-292130-0
CT P/HDR BOX-H 10P SHORT W/KIN



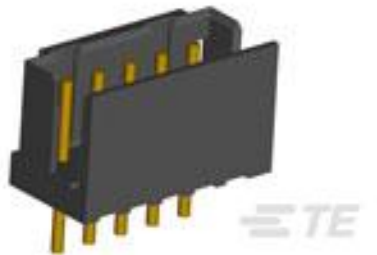
TE Part # 1-292145-0
CT P/HDR ASSY V 10P W/O KINK N



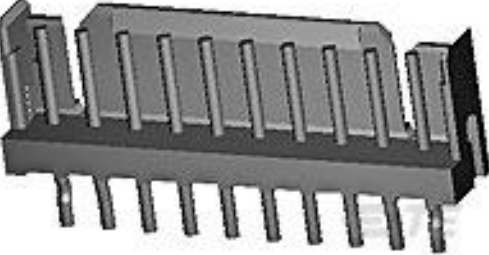
TE Part # 1-292164-0
CT P/HDR BOX H ASSY 10P T/P NA



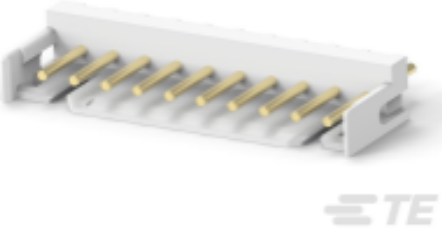
TE Part # 1-292165-0
CT P/HDR BOX V 10P T/P NAT



TE Part # 1-292166-0
CT P/HDR BOX V 10P T/P NAT W/O



TE Part # 1-292169-0
CT P/HDR V 10P T/P NAT

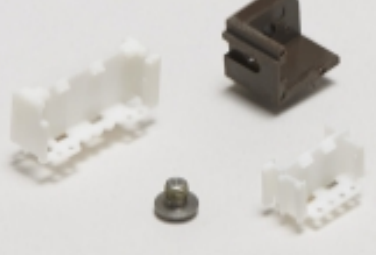


TE Part # 1-292170-0
CT P/HDR ASSY 10P V W/O KINK



TE Part # 1-292271-0
MT REC ASSY(GOLD-PLATING) FOR

Also in the Series | AMP CT



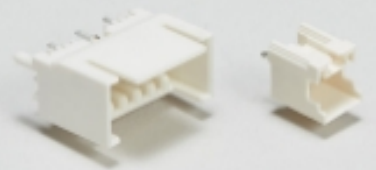
PCB Connector Mounting(46)



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



Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought





TE Part #1-292254-1
AMP COMMON TERMINATION HEADERS



TE Part #1-292132-0
CT 2mm Post Header Asmbly: Box V DIP



TE Part #1-179228-4
AMP COMMON TERMINATION HOUSINGS



TE Part #1-353908-5
Mini Common Termination (CT) Housings



TE Part #1-179472-6
CT DBL ROW HOLDER, CRIMP, 16P, NA



TE Part #3-353294-4
AMP MINI D/R HDR HSG 34P NATU



TE Part #1-353293-2
MINI CT MT REC ASSY 12P GRAY

Documents

Product Drawings

CT CRIMP-2 REC HSG 10P NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-179228-0_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-179228-0_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-179228-0_N1.3d_stp.zip

English

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

Datasheets & Catalog Pages

POWER_CONNECTORS_CATALOG_SEC02_CABLE_MOUNTED

English

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_1-179228-0_07022018235_dmtec

English

MD_1-179228-0_07022018235_dmtec

English

Instruction Sheets

Instruction Sheet (non U.S.)

English

STEPPING MOTOR, I/O CONNECTOR

English

Agency Approvals

Agency Approval Document

English