



AMP CT

TE Internal #: 3-179228-2
Housing, Receptacle, Wire-to-Board / Wire-to-Wire, 12 Position, 2 mm [.079 in] Centerline, Crimp, 1 Row, Blue, Wire & Cable, Power & Signal, AMP CT

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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: **12**
Centerline (Pitch): **2 mm [.079 in]**

[All AMP COMMON TERMINATION HOUSINGS \(176\)](#)

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	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	125 VDC
Insulation Resistance	1000 MΩ

Body Features

Primary Product Color	Blue
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Contact Features

Contact Layout	Inline
Contact Type	Socket



Contact Current Rating (Max)	4 A
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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]

Dimensions

Connector Width	4.6 mm[.181 in]
Connector Height	6.6 mm[.26 in]
Wire Size	30 – 22 AWG
Connector Length	26 mm[1.024 in]

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

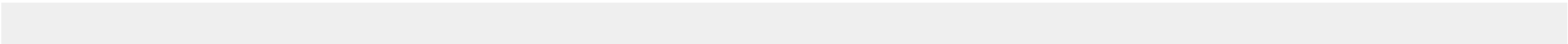
Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Bag & Box
Packaging Quantity	1500

Product Compliance

For compliance documentation, visit the product page on TE.com>



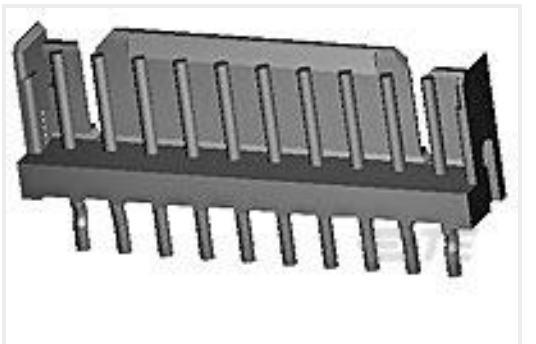


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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>

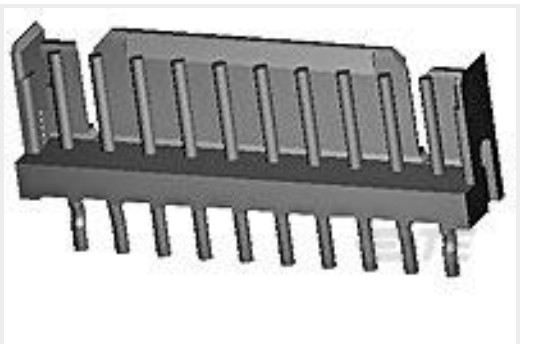
Compatible Parts



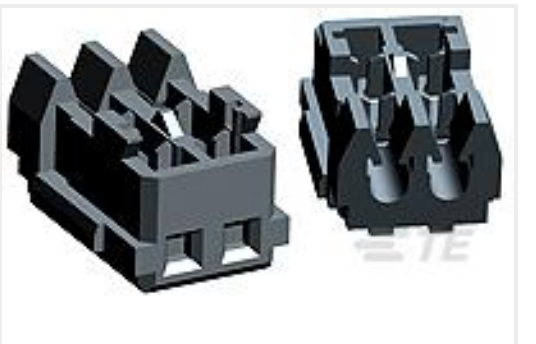
TE Part # 3-292170-2
CT P/HDR ASSY 12P V W/O KINK



TE Part # 3-292250-2
CT P/HDR BOX H ASSY 12P W/KINK



TE Part # 3-292161-2
CT P/HDR ASSY V 12P W/KINK BLU



TE Part # 6-292271-2
MT REC ASSY AU-PL. 12P BLUE



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



TE Part # 3-292173-2
CT BOX HDR H SMT 2P O/TAPE NAT



TE Part # 3-292254-2
CT RELAY HDR ASSY 12P BLUE



TE Part # 3-292132-2
CT P/HDR BOX V 12P BLUE



TE Part # 3-292164-2
CT P/HDR BOX H ASSY 12P T/P BL



TE Part # 3-292165-2
CT P/HDR BOX V 12P T/P BLUE

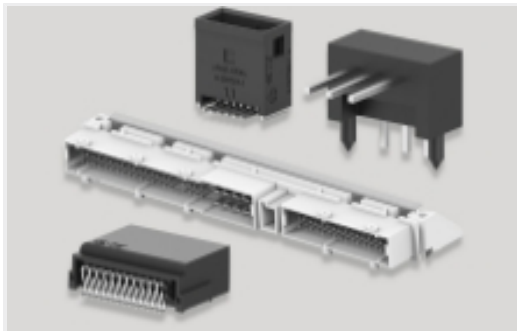
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



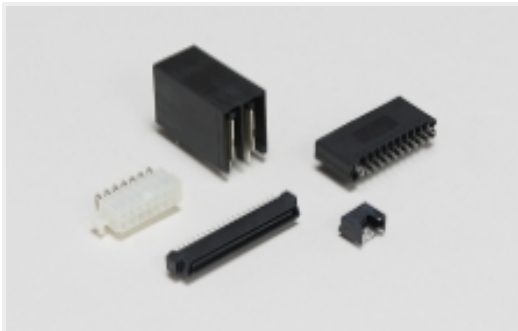
PCB Headers & Receptacles(756)



Rectangular Connector Housings(72)



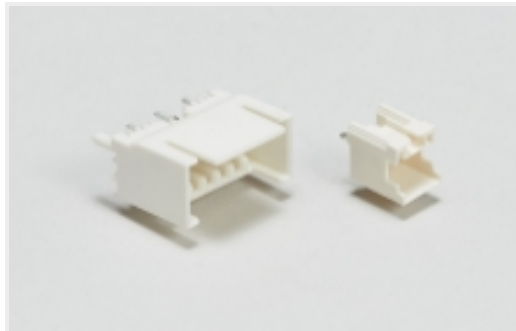
Rectangular Power Connectors(906)



Standard Rectangular Connectors(158)



Wire-to-Board Connector Assemblies & Housings(97)



Wire-to-Board Headers & Receptacles (756)

Customers Also Bought



TE Part #7-353908-5
CT REC HSG 15P CRIMP TYPE BLU



TE Part #2-1674755-1
REC ASSY FOR MINI CT HYBIRD DR ALL POWER



TE Part #1-2355088-7
MICRO CT CONN MT REC ASSEMBLY 17P



TE Part #CAT-3980655-RHAWP
CT Relay Header Assembly: Wire-to-Panel



TE Part #2-2355088-1
MICRO CT CONN MT REC ASSEMBLY 21P



TE Part #1-2355088-2
MICRO CT CONN MT REC ASSEMBLY 12P



TE Part #CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



TE Part #2-2355088-5
MICRO CT CONN MT REC ASSEMBLY 25P



Documents

Product Drawings

CT CRIMP-2 REC HSG 12P BLUE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-179228-2_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-179228-2_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-179228-2_N1.3d_stp.zip

English

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

Product Specifications

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

English

Application Specification

English

Agency Approvals

CSA Certificate

English

CSA Certificate

English