



Connectors > Rectangular Connectors > Standard Rectangular Connectors > AMP COMMON TERMINATION HOUSINGS



Connector Product Type: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Mating Retention: **Without**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**
Connector System: **Wire-to-Board**

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

Features

Product Type Features

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

Configuration Features

Number of Positions	2
Number of Rows	1

Body Features

Primary Product Color	Black
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Contact Features

Contact Current Rating (Max)	2 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2 mm[.079 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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Product Compliance

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

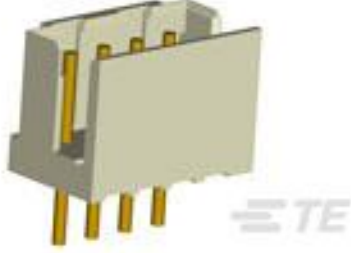
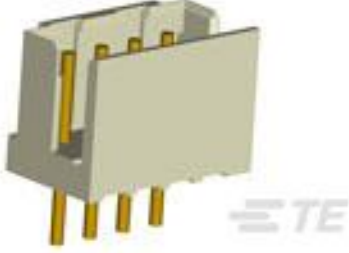
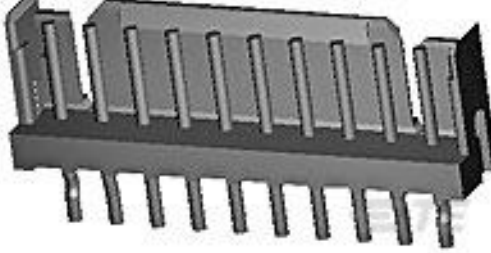
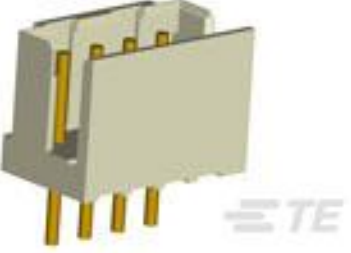
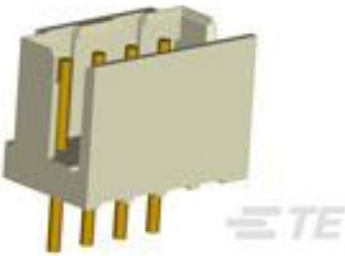
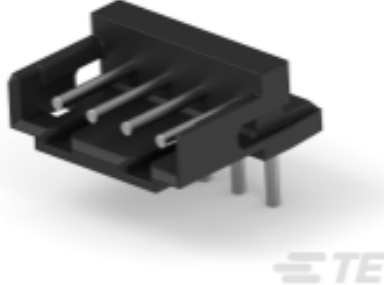
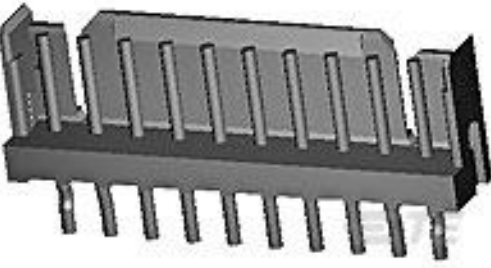
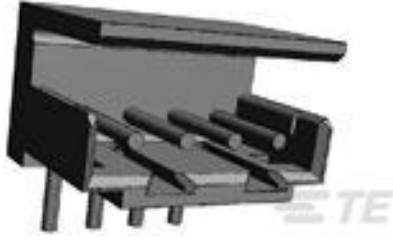
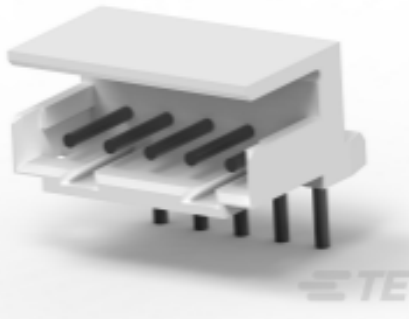
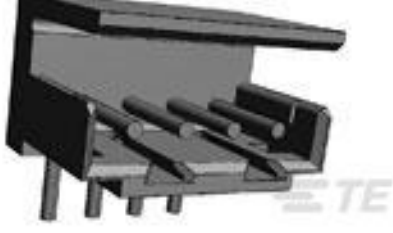
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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>



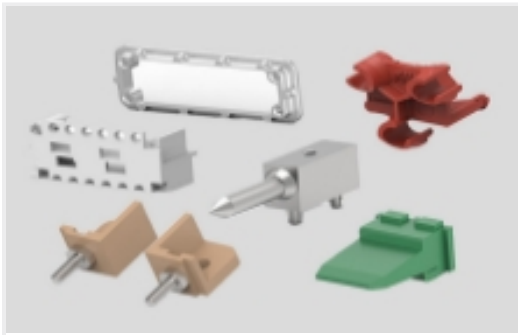
Compatible Parts

 TE Part # 2-292165-2 CT P/HDR BOX V 2P T/P BLUE	 TE Part # 4-292165-2 CT P/HDR BOX V 2P T/P YELLOW	 TE Part # 6-292170-2 CT P/HDR ASSY 2P V W/O KINK T	 TE Part # 6-292165-2 CT P/HDR BOX V 2P T/P BLACK
 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assembly with Kink - Vertical	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 292165-2 CT P/HDR BOX V 2P T/P NAT	 TE Part # CAT-AM7017-H342 AMP COMMON TERMINATION HEADERS
 TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle	 TE Part # 6-292145-2 CT P/HDR ASSY V 2P W/O KINK BL	 TE Part # 2-292164-2 CT P/HDR BOX H ASSY 2P T/P BLU	 TE Part # 292254-2 CT RELAY HDR ASSY 2P NAT
 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink	 TE Part # 6-292156-2 CT RELAY HDR ASSY FREE HANGING	 TE Part # CAT-3984552-PHITPS CT Post Header Assembly: Part. Shrouded	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP
 TE Part # 292164-2 CT P/HDR BOX H ASSY 2P T/P NAT	 TE Part # CAT-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded	 TE Part # 58372-1 HEAD (IDC) 2MM C.T. W/O TL	 TE Part # 6-292254-2 CT RELAY HDR ASSY 2P BLACK

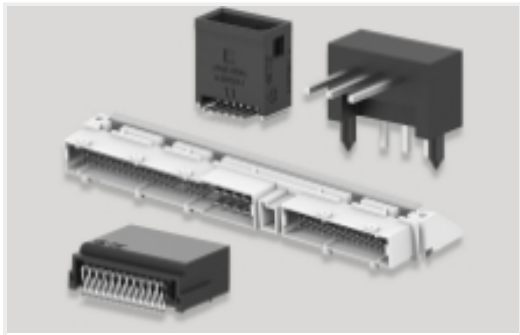
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



Rectangular Connector Housings(90)



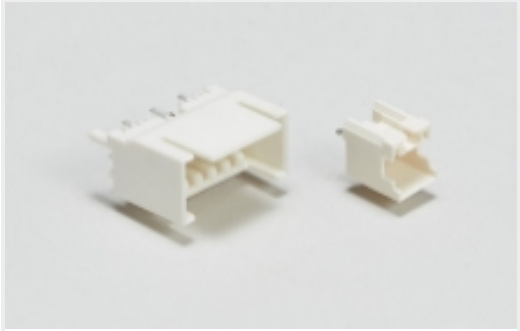
Rectangular Power Connectors(924)



Standard Rectangular Connectors(176)



Wire-to-Board Connector Assemblies & Housings(79)



Wire-to-Board Headers & Receptacles (756)

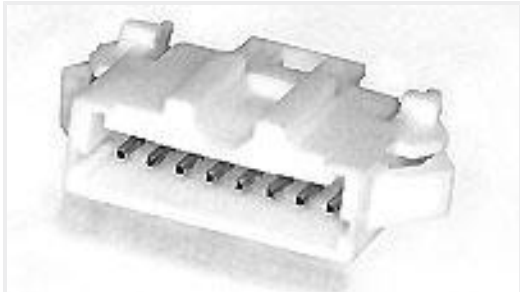
Customers Also Bought



TE Part #292215-3
MINI CT SGL RELAY 3P NAT



TE Part #1-176497-1
250 HSG. PL EX FLAG REC. NAT



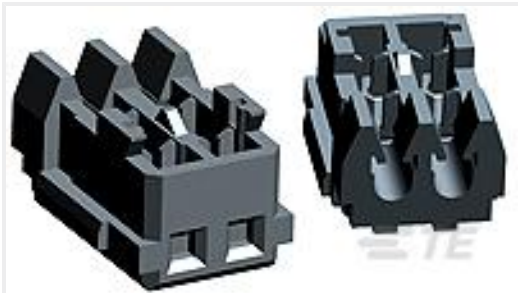
TE Part #292215-6
MINI CT SGL RELAY 6P NAT



TE Part #292215-8
MINI CT SGL RELAY 8P NAT



TE Part #170043-2
110 FASTON,REC.,24-20 AWG,TPBR



TE Part #353293-3
MINI CT MT REC ASSY 3P GRAY



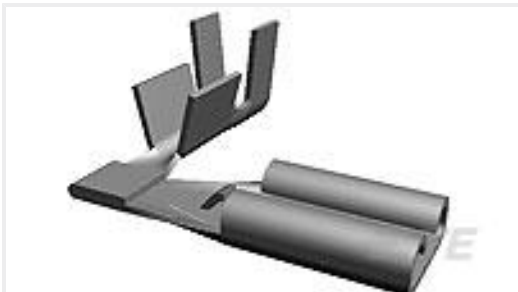
TE Part #61375-1
250 FASTON REC 18-14 AWG TPBR



TE Part #2-173977-2
CT CONN MT REC ASSY 2P BLUE



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



TE Part #61481-1
110 FASTON FLAG REC 22-18 AWG TPBR

Documents



CAD Files

Customer View Model

ENG_CVM_CVM_6-173977-2_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-173977-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-173977-2_M.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

Instruction Sheets

MINI PRESS CT CONNECTOR (WAS IS-553J)

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

CSA Certificate

English

CSA Certificate

English