

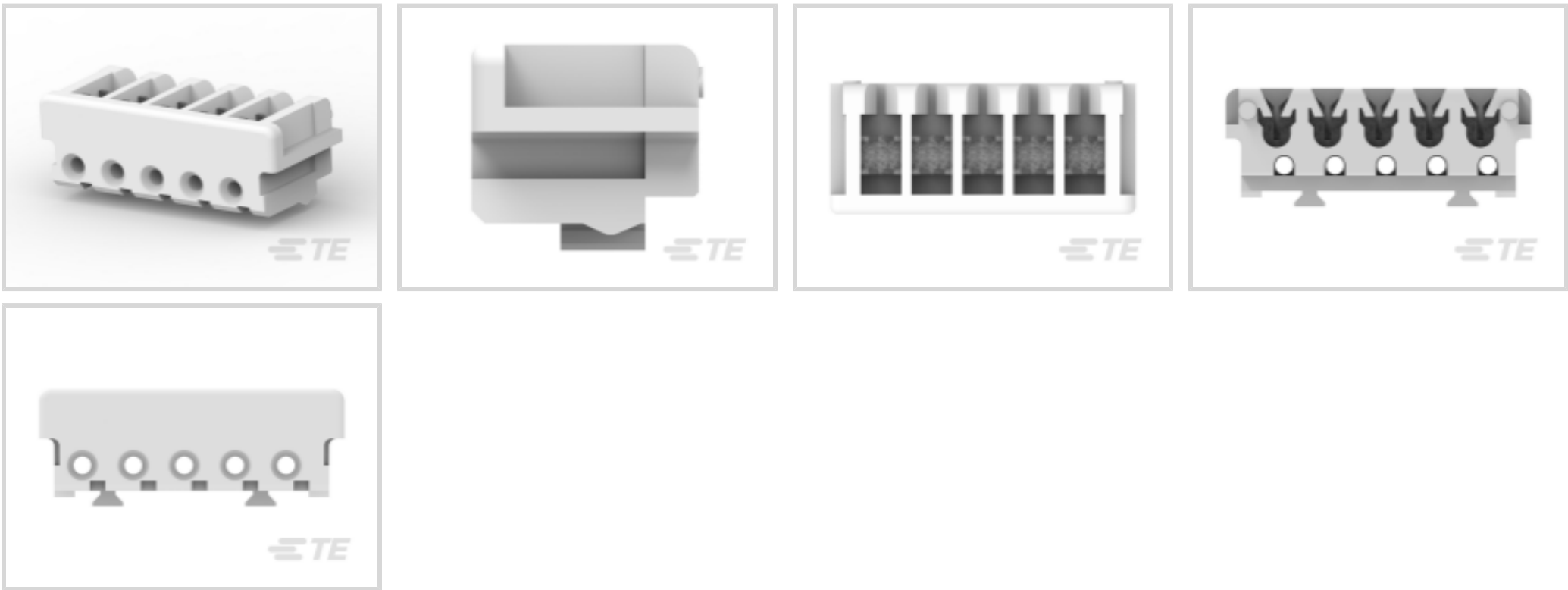


AMP CT

TE Internal #: 173977-5
Connector Assembly, Receptacle, Wire-to-Board, 5 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, 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: **Connector Assembly**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **5**
Centerline (Pitch): **2 mm [.079 in]**

[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	5
Number of Rows	1

Contact Features

Contact Current Rating (Max)	2 A
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Termination Features

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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]
Housing Color	Natural

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>

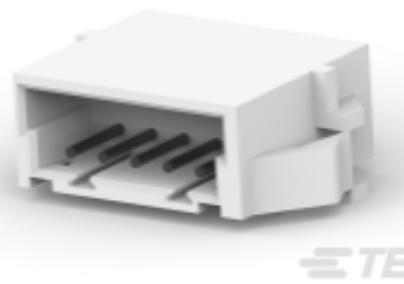
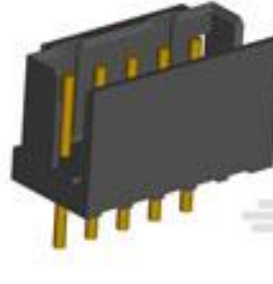
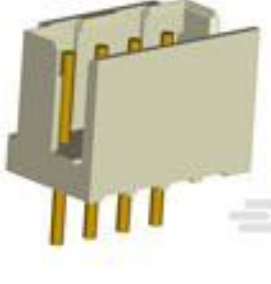
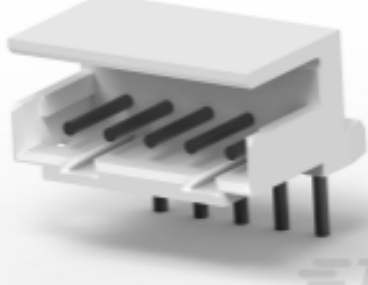
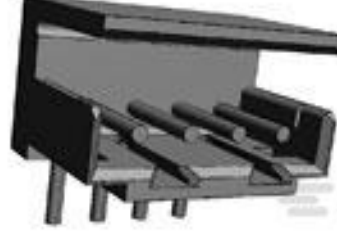
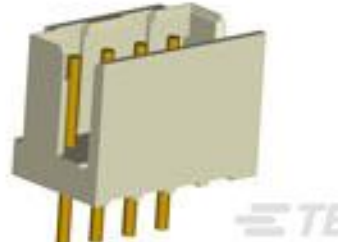
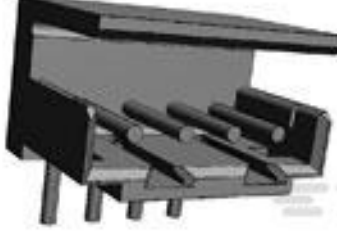
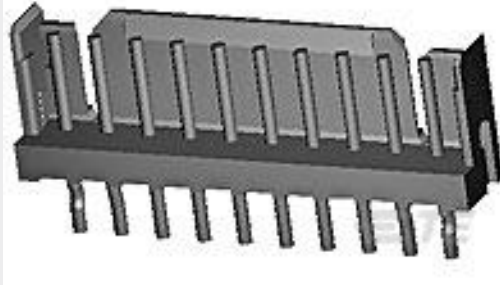
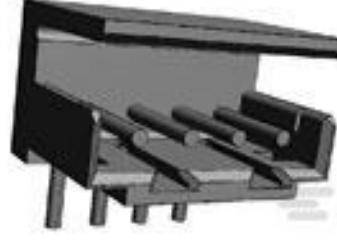
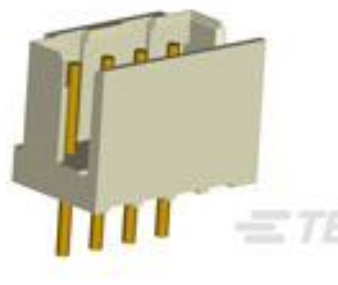
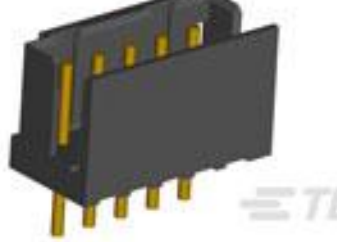
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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>



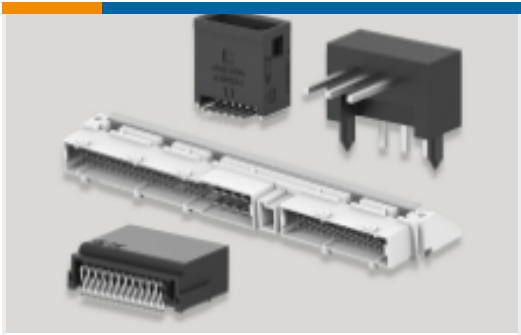
Compatible Parts

 TE Part # CAT-AM7017-H342 AMP COMMON TERMINATION HEADERS	 TE Part # CAT-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmby: Box V DIP	 TE Part # CAT-3984552-PHITPS CT Post Header Assembly: Part. Shrouded
 TE Part # 292156-5 CT RELAY HDR ASSY FREE HANGING	 TE Part # 58074-1 MTA 50/100/156 MANUAL TOOL FRAME	 TE Part # 58372-1 HEAD (IDC) 2MM C.T. W/O TL	 TE Part # 292254-5 CT RELAY HDR ASSY 5P NAT
 TE Part # 292133-5 CT P/HDR ASSY BOX V 5P W/O KIN	 TE Part # 292134-5 CT BOX HDR ASSY V 5P AU W/KINK	 TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle	 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assembly with Kink - Vertical
 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink	 TE Part # 2-292164-5 CT P/HDR BOX H ASSY 5P T/P BLU	 TE Part # 2-292165-5 CT P/HDR BOX V 5P T/P BLUE	 TE Part # 292130-5 CT P/HDR BOX-H 5P SHORT W/KINK
 TE Part # 292145-5 CT P/HDR ASSY V 5P W/O KINK NA	 TE Part # 292164-5 CT P/HDR BOX H ASSY 5P T/P NAT	 TE Part # 292165-5 CT P/HDR BOX V 5P T/P NAT	 TE Part # 292166-5 CT P/HDR BOX V 5P T/P NAT W/O

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

CAD Files

Customer View Model

ENG_CVM_CVM_173977-5_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_173977-5_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_173977-5_M.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

Application Specification

English

Product Environmental Compliance

MD_173977-5_070220182314_dmtec

English

MD_173977-5_070220182314_dmtec

English

Instruction Sheets

MINI PRESS CT CONNECTOR (WAS IS-553J)

Japanese

Instruction Sheet (non U.S.)

Japanese



[Agency Approvals](#)

[CSA Certificate](#)

English