

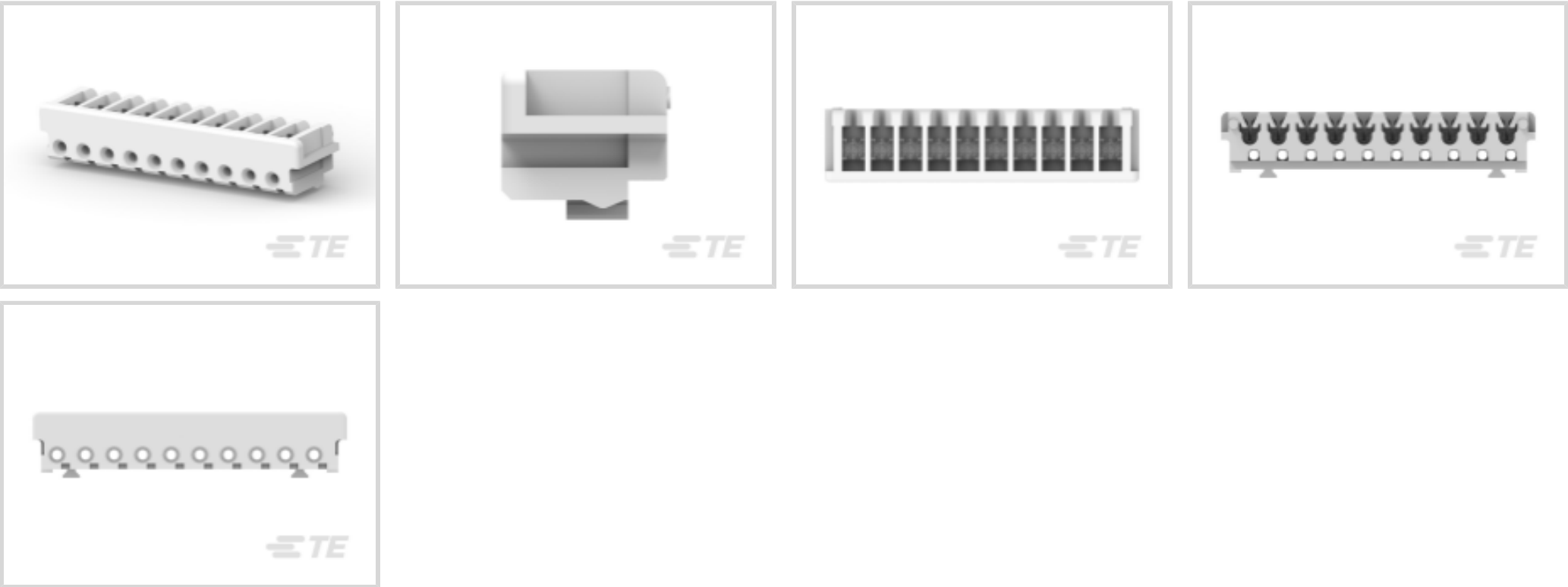


AMP CT

TE Internal #: 1-173977-0
Connector Assembly, Receptacle, Insulation Displacement (IDC),
Wire-to-Board, 10 Position, AMP CT, Rectangular Wire & Cable
Connectors & Housings

[View on TE.com >](#)

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	10
Number of Rows	1

Body Features

Primary Product Color	Natural
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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>

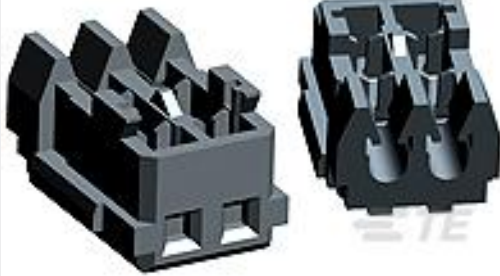
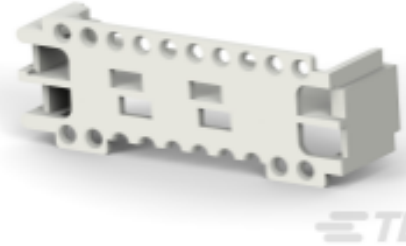
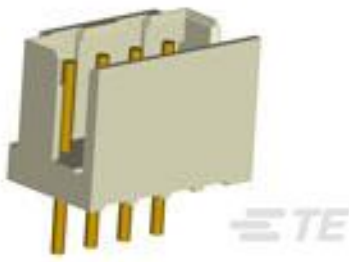
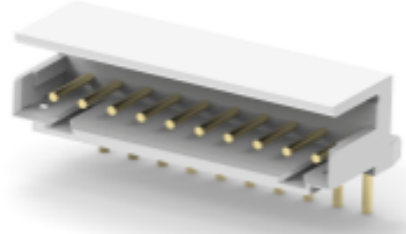
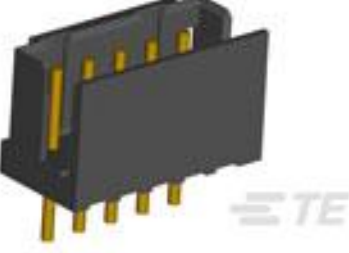
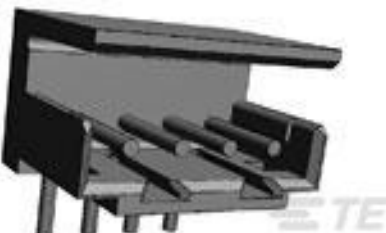
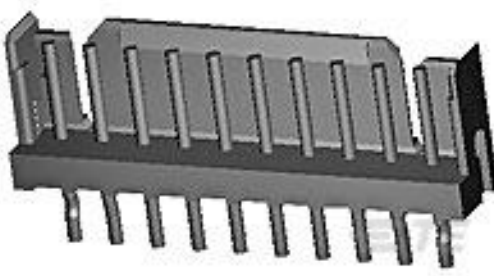
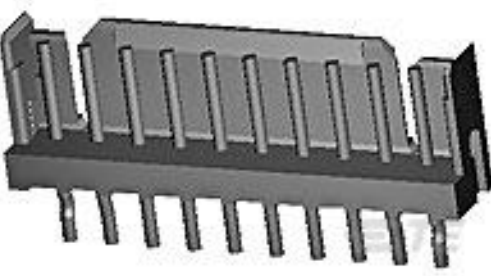
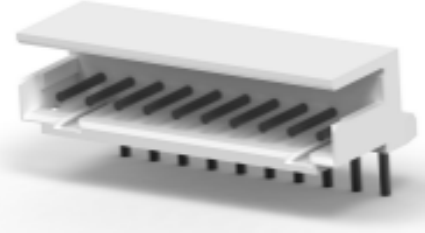
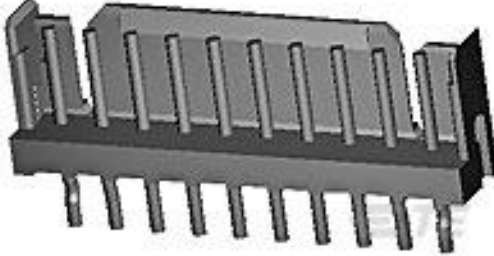
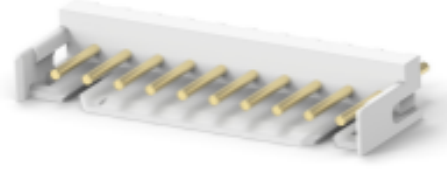
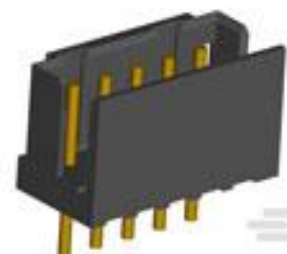
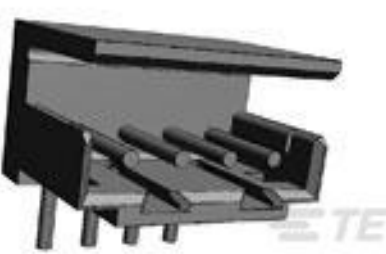
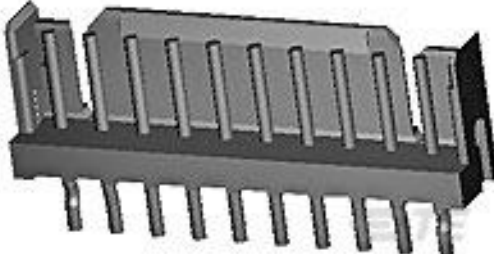
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not 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 # 2-176239-0 HOLDER	 TE Part # 1-292271-0 MT REC ASSY(GOLD-PLATING) FOR	 TE Part # 2-179608-0 CT DBL ROW HOLDER,MT,20P,NA	 TE Part # 1-292134-0 CT BOX HDR ASSY V 10P AU W/KIN
 TE Part # 2-292185-0 REC ASS'Y OF HYB DRAWER 24P	 TE Part # 2-292181-0 PLUG ASS'Y OF HYB DRAWER 24P	 TE Part # 1-292164-0 CT P/HDR BOX H ASSY 10P T/P NA	 TE Part # 1-292166-0 CT P/HDR BOX V 10P T/P NAT W/O
 TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle	 TE Part # 1-292130-0 CT P/HDR BOX-H 10P SHORT W/KIN	 TE Part # 5-292170-0 CT P/HDR ASSY 10P V W/O KINK	 TE Part # 3-292170-0 CT P/HDR ASSY 10P V W/O KINK
 TE Part # 2-84580-0 2MM CT D/R HDR ASSY H/TEMP 20P	 TE Part # 1-292250-0 CT P/HDR BOX H ASSY 10P W/KINK	 TE Part # 7-292145-0 CT P/HDR ASSY V 10P W/O KINK B	 TE Part # 1-292170-0 CT P/HDR ASSY 10P V W/O KINK
 TE Part # 1-292133-0 CT P/HDR ASSY BOX V 10P W/O KI	 TE Part # 9-292260-0 CT P/HDR BOX H ASSY 10P T/P BL	 TE Part # 1-292146-0 CT P/HDR ASSY V 10P GF NAT	 TE Part # 2-176236-0 CT DBL ROW HOLDER 20P BLUE

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 #CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS



TE Part #1-353293-4
MINI CT MT REC ASSY 14P GRAY



TE Part #3-353293-7
1.5MM CT MT REC ASSY 17P BLACK



TE Part #1-292254-0
CT RELAY HDR ASSY 10P NAT



TE Part #2-353294-4
AMP MINI D/R HDR HSG 24P NATU



TE Part #3-647002-6
06P MTA100 PSTD CONN ASSY LF



TE Part #3-353293-3
1.5MM CT MT REC ASSY 13P BLACK



TE Part #3-353293-4
1.5MM CT MT REC ASSY 14P BLACK

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-173977-0_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-173977-0_M.3d_igs.zip



English

Customer View Model

ENG_CVM_CVM_1-173977-0_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

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