

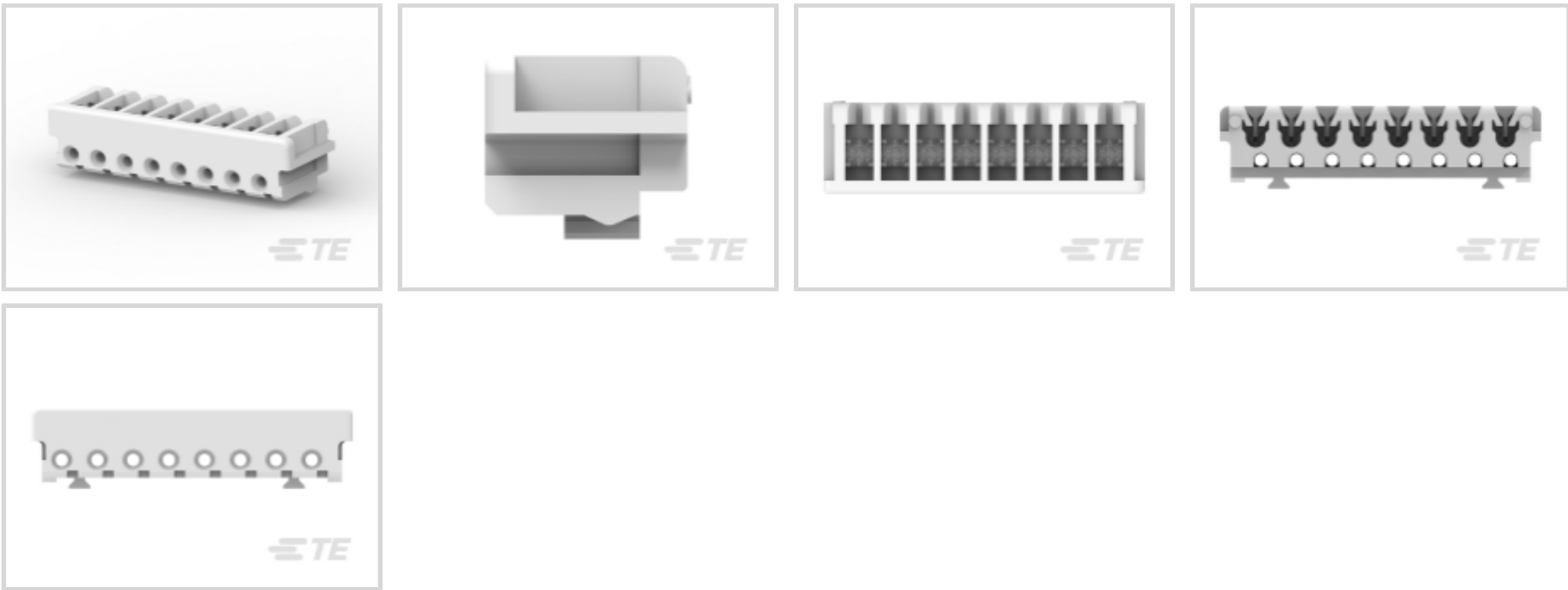


AMP CT

TE Internal #: 173977-8
Connector Assembly, Receptacle, Wire-to-Board, 8 Position, .079 in [2 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, AMP CT

[View on TE.com >](#)

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: **8**
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	8
Number of Rows	1

Body Features

Primary Product Color	Natural
-----------------------	---------

Contact Features

--	--



Contact Current Rating (Max)	2 A
------------------------------	-----

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
------------------------------------	-------------------------------

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]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

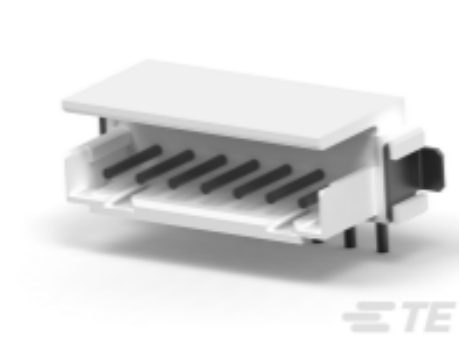
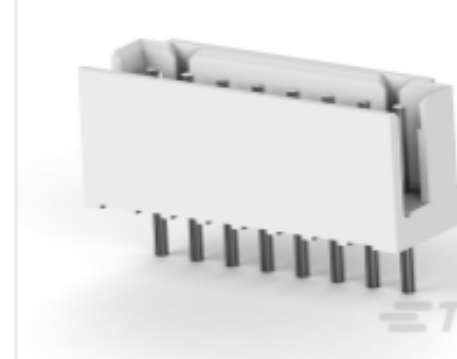
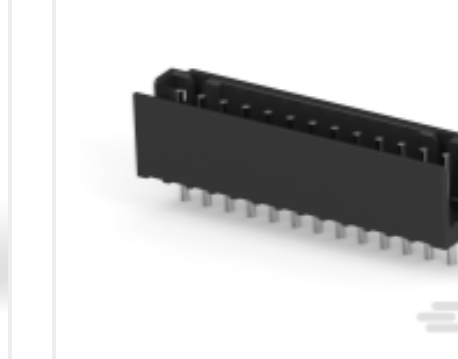
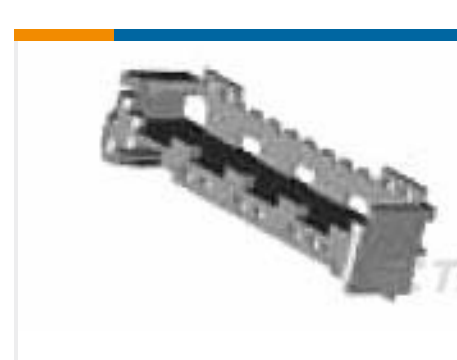
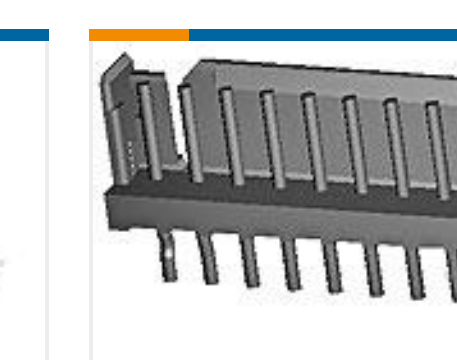
Product Compliance Disclaimer

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-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded	 TE Part # 292133-8 CT P/HDR ASSY BOX V 8P W/O KIN	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP	 TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle
 TE Part # CAT-AM7017-H342 AMP COMMON TERMINATION HEADERS	 TE Part # CAT-3984552-PHITPS CT Post Header Assembly: Part. Shrouded	 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 # 292254-8 CT RELAY HDR ASSY 8P NAT	 TE Part # 1-179608-6 CT DBL ROW HOLDER,MT,16P,NA	 TE Part # 292164-8 CT P/HDR BOX H ASSY 8P T/P NAT	 TE Part # 292170-8 CT P/HDR ASSY 8P V W/O KINK T
 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assembly with Kink - Vertical	 TE Part # 1-292254-7 CT RELAY HDR ASSY 8P NAT	 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink	 TE Part # 1-175133-6 CT DOUBLE ROW 16P HOLDER NATU.



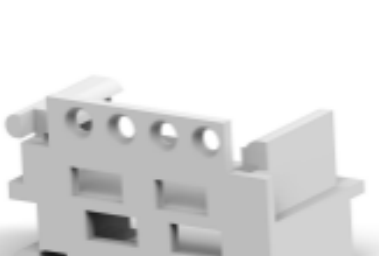
TE Part # 1-176236-6
CT DBL ROW HOLDER 16P BLUE



TE Part # 1-176239-6
HOLDER



TE Part # 1-84580-6
2MM CT D/R HDR ASSY H/TEMP 16P



TE Part # 175133-8
CT DBL ROW 8P HOLDER 8P NATURA

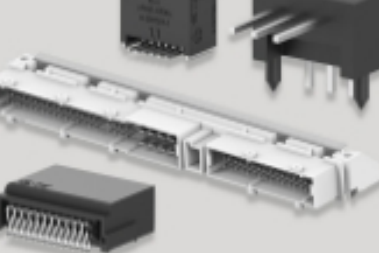
Also in the Series | AMP CT



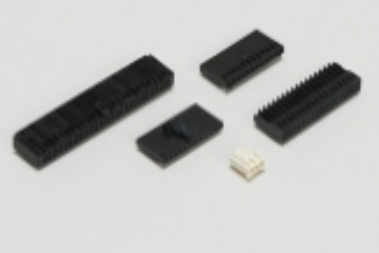
Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)

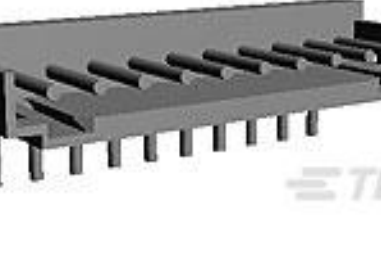


Wire-to-Board Connector Assemblies
& Housings(255)

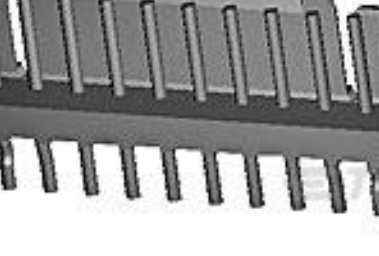
Customers Also Bought



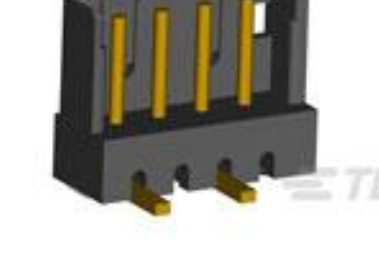
TE Part # 1-173977-5
AMP COMMON TERMINATION
HOUSINGS



TE Part # 292253-7
CT CONN MT HDR ASSY H 7P NAT



TE Part # 292161-7
CT P/HDR ASSY V 7P W/KINK NAT



TE Part # 292172-8
CT POST HDR ASSY 8P IN-TUBE BL



TE Part # 353293-7
MINI CT MT REC ASSY 7P GRAY



TE Part # A85745-000
V4-0.6-0-SP

Documents

- CAD Files
- Customer View Model
- ENG_CVM_CVM_173977-8_M.2d_dxf.zip
- English
- 3D PDF
- 3D



Customer View Model

[ENG_CVM_CVM_173977-8_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173977-8_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

[UL Report](#)

English