



AMP CT

TE Internal #: 3-173977-1
Connector Assembly, Receptacle, Wire-to-Board, 11 Position, 2 mm
[.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Blue,
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: **11**
Centerline (Pitch): **2 mm [.079 in]**

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

Features

Electrical Characteristics

Termination Resistance	11 mΩ
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Dimensions

	2 in
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Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2 mm[.079 in]

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	11
Number of Rows	1



Body Features

Primary Product Color	Blue
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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)

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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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

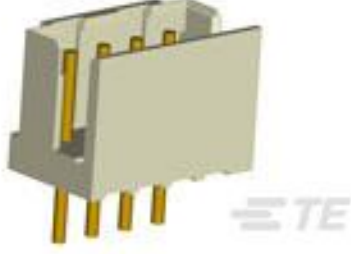
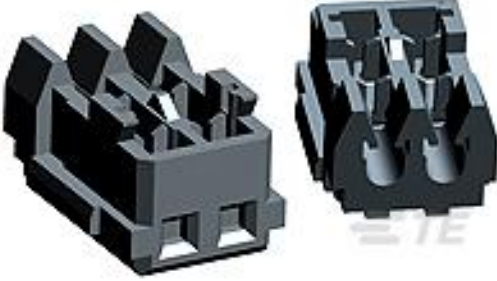
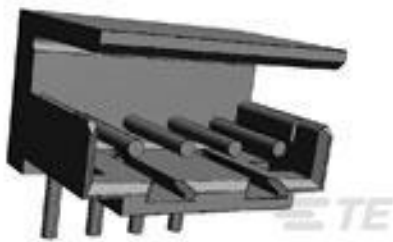
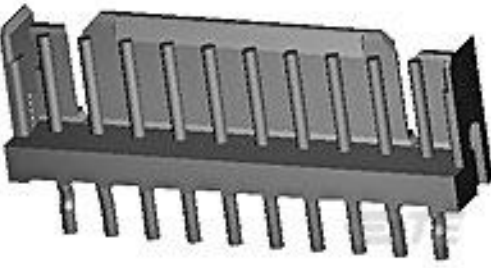
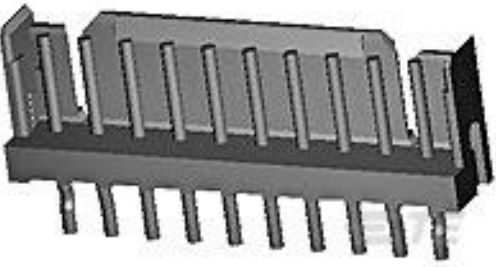
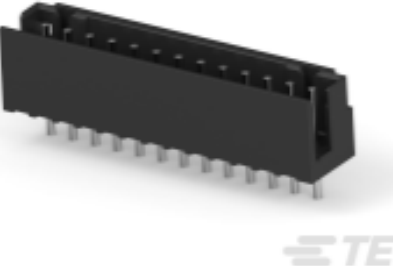
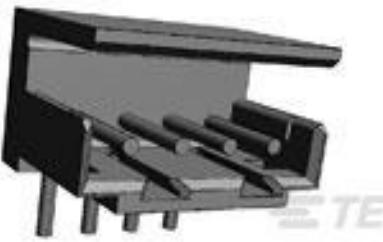
Product Compliance Disclaimer

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>

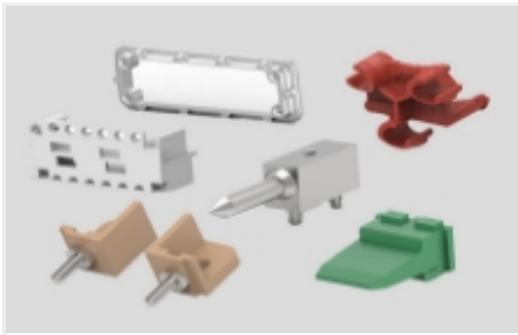
Compatible Parts

			
TE Part # 3-292165-1 CT P/HDR BOX V 11P T/P BLUE	TE Part # 6-292271-1 MT REC ASSY AU-PL. 11P BLUE	TE Part # 3-292250-1 CT P/HDR BOX H ASSY 11P W/KINK	TE Part # 3-292170-1 CT P/HDR ASSY 11P V W/O KINK
			
TE Part # 3-292145-1 CT P/HDR ASSY V 11P W/O KINK B	TE Part # 3-292254-1 CT RELAY HDR ASSY 11P BLUE	TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP	TE Part # 58372-1 HEAD (IDC) 2MM C.T. W/O TL
			
TE Part # 1-292254-1 CT RELAY HDR ASSY 11P NAT	TE Part # 3-292164-1 CT P/HDR BOX H ASSY 11P T/P BL	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 # 3-173985-1 AMP CT MT AMP-IN HDR-V BLU 11P	TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle		

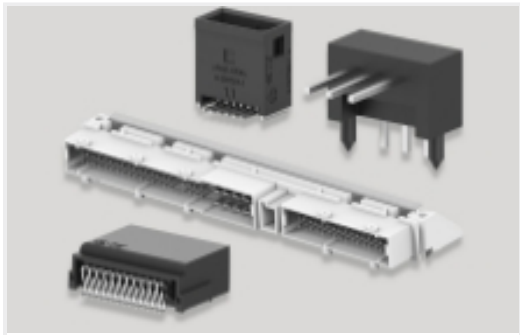
Also in the Series | AMP CT



Connector Contacts(8)



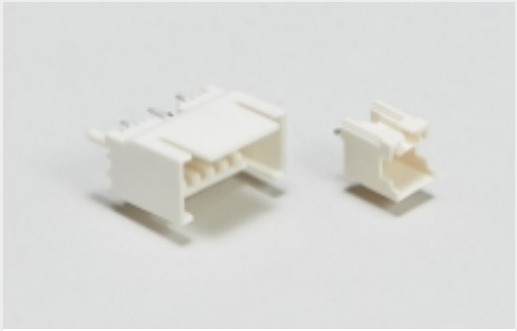
Connector Hardware(46)



PCB Headers & Receptacles(756)



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



Wire-to-Board Headers & Receptacles (756)

Customers Also Bought



TE Part #173977-8
CT CONN MT REC ASSY 8P



TE Part #2-520264-2
ULTRAFast 250 ASSY REC 22-18
TPBR LP

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_3-173977-1_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-173977-1_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-173977-1_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