

173977-2 ✓ ACTIVE

AMP CT

TE Internal #: 173977-2

2 Position, Receptacle, Connector Assembly, Insulation

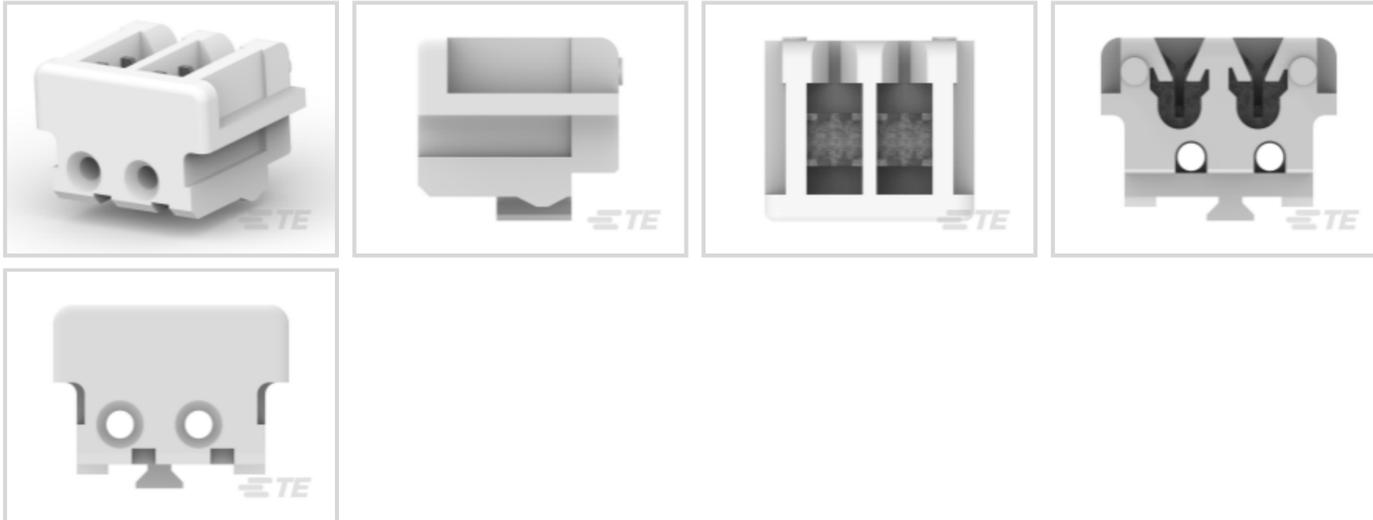
Displacement (IDC), Wire-to-Board, 2 mm [.079 in] Centerline, 1

Row, Wire & Cable, AMP CT

[View on TE.com >](#)



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



Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

Connector System: **Wire-to-Board**

Number of Positions: **2**

Centerline (Pitch): **2 mm [.079 in]**

[All AMP COMMON TERMINATION HOUSINGS \(150\)](#)

### 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	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

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

### 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) 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 # 292133-2  
CT P/HDR ASSY BOX V 2P W/O KIN



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 # 292166-2  
CT P/HDR BOX V 2P T/P NAT W/O



TE Part # CAT-3983174-PHBXHK  
CT 2mm Post Header Assembly Box H Kink



TE Part # 292271-2  
MT REC ASSY AU-PL. 2P GRAY



TE Part # CAT-3984552-BHTHVS  
CT Box Header SMT: Vert, 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-PHITPS  
CT Post Header Assembly: Part. Shrouded



TE Part # 292156-2  
CT RELAY HDR ASSY FREE HANGING



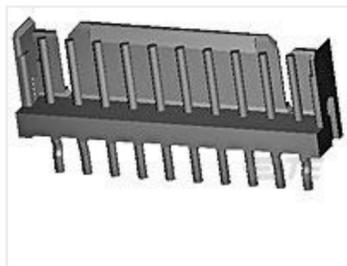
TE Part # 58372-1  
HEAD (IDC) 2MM C.T. W/O TL



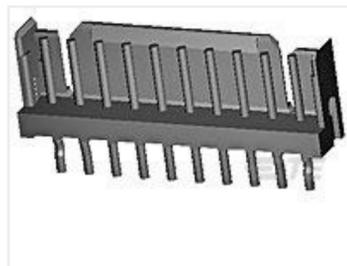
TE Part # CAT-AM7017-H342  
AMP COMMON TERMINATION HEADERS



TE Part # CAT-3980407-RHDRRA  
CT 2mm Header Assembly: Right Angle



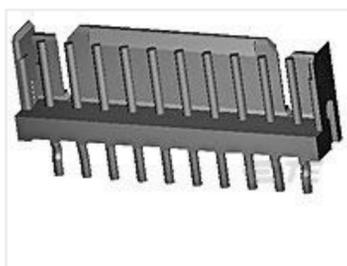
TE Part # 292170-2  
CT P/HDR ASSY 2P V W/O KINK T



TE Part # 292146-2  
CT P/HDR ASSY V 2P GF NAT



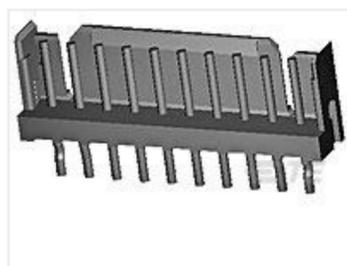
TE Part # 292165-2  
CT P/HDR BOX V 2P T/P NAT



TE Part # 292145-2  
CT P/HDR ASSY V 2P W/O KINK NA



TE Part # 292157-2  
CT RELAY W/COMMONING BAR 2P NA



TE Part # 292169-2  
CT P/HDR V 2P T/P NAT

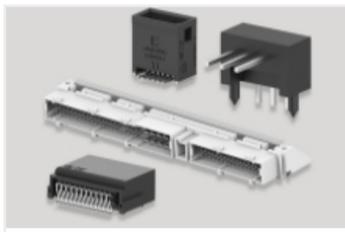
## Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(39)



PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



Wire-to-Board Connector Assemblies & Housings(165)

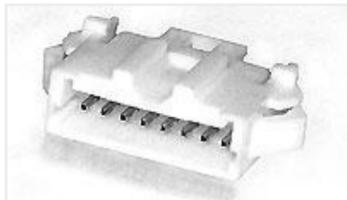


Wire-to-Board Headers & Receptacles (739)

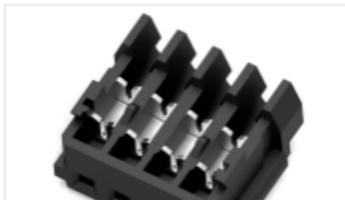
## Customers Also Bought



TE Part #173977-7  
CT CONN MT REC ASSY 7P



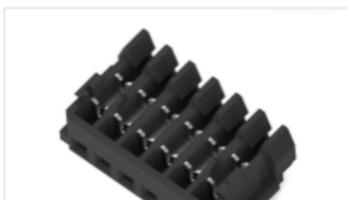
TE Part #292215-6  
MINI CT SGL RELAY 6P NAT



TE Part #2-353293-4  
1.5MM CT MT REC ASS'Y 4P BLACK



TE Part #2-353293-5  
1.5MM CT MT REC ASS'Y 5P BLACK



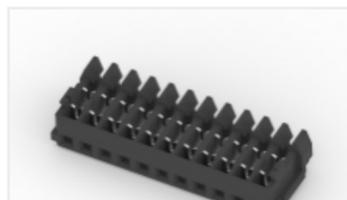
TE Part #2-353293-6  
1.5MM CT MT REC ASS'Y 6P BLACK



TE Part #2-353293-7  
1.5MM CT MT REC ASS'Y 7P BLACK



TE Part #3-353293-0  
1.5MM CT MT REC ASSY 10P BLACK



TE Part #3-353293-1  
1.5MM CT MT REC ASSY 11P BLACK



TE Part #3-353293-6  
1.5MM CT MT REC ASSY 16P BLACK



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

## Documents



### Product Drawings

#### CT CONN MT REC ASSY 2P

English

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### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_173977-2\\_M.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_173977-2\\_M.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_173977-2\\_M.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Datasheets & Catalog Pages

#### POWER\_CONNECTORS\_CATALOG\_SEC02\_CABLE\_MOUNTED

English

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### Product Specifications

#### Application Specification

English

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### Instruction Sheets

#### MINI PRESS CT CONNECTOR (WAS IS-553J)

Japanese

#### Instruction Sheet (non U.S.)

Japanese

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### Agency Approvals

#### CSA Certificate

English

#### CSA Certificate

English