



AMP CT

TE Internal #: 6-173977-2

Connector Assembly, Receptacle, Wire-to-Board, 2 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Black, AMP CT

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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 \(176\)](#)

**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	2
Number of Rows	1

**Body Features**

Primary Product Color	Black
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**Contact Features**

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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: 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

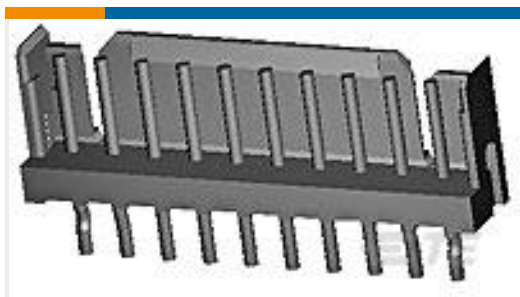
#### Product Compliance Disclaimer

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

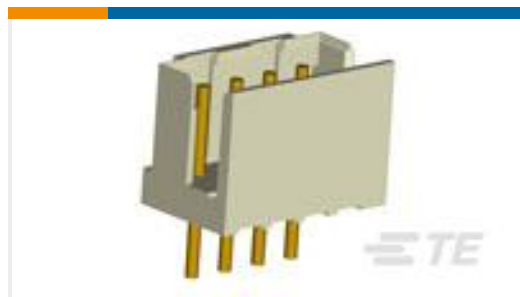
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

## Compatible Parts

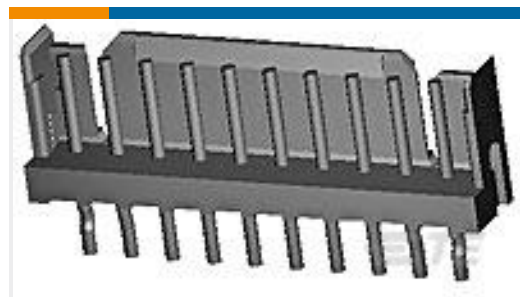




TE Part # 6-292145-2  
CT P/HDR ASSY V 2P W/O KINK BL



TE Part # 6-292165-2  
CT P/HDR BOX V 2P T/P BLACK



TE Part # 6-292170-2  
CT P/HDR ASSY 2P V W/O KINK T



TE Part # 292254-2  
CT RELAY HDR ASSY 2P NAT

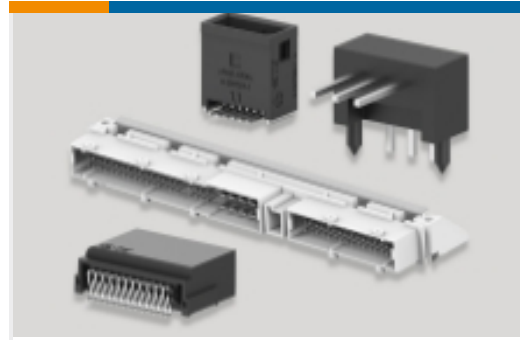
## Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

## Customers Also Bought



TE Part #6-173977-3  
CT CONN MT REC ASSY 3P BLACK



TE Part #1-1123722-9  
3.96 EP PLUG HSG 9P(NATURAL)



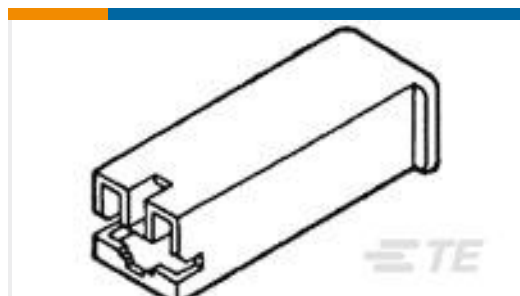
TE Part #170043-2  
110 FASTON,REC.,24-20 AWG,TPBR



TE Part #353293-3  
MINI CT MT REC ASSY 3P GRAY



TE Part #42563-2  
250 FASTON FLAG REC 12-10 AWG TPBR



TE Part #2-172076-1  
250 HSG. PL MKII REC. NAT



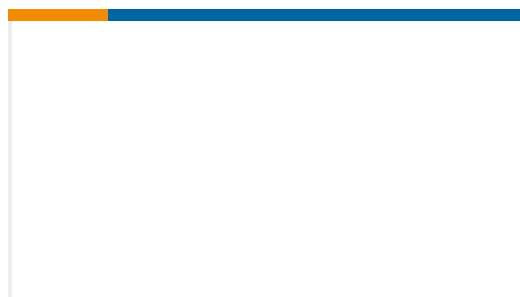
TE Part #1-353908-2  
CT REC HSG 12P CRIMP TYPE WHIT



TE Part #1376392-2  
5MM POWER KEY 4P PLUG 2ROW NUT



TE Part #2-1879074-0  
THS15 27R 5%



TE Part #1424650-1  
BLADE, STRIP, OUTER



## Documents

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_6-173977-2\\_M.2d\\_dxf.zip](#)

English

### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_6-173977-2\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_6-173977-2\\_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