# 6-179228-7 ✔ ACTIVE

AMP CT

TE Internal #: 6-179228-7

7 Position, Receptacle, Housing, Crimp, Wire-to-Board / Wire-to-Wire, UL 94V-0, 2 mm [.079 in] Centerline, 1 Row, 125 VAC, Wire & Cable, AMP CT

View on TE.com >

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



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **7**

All AMP COMMON TERMINATION HOUSINGS (150)

## Features

### Product Type Features

| | |
|---|---|
| Connector Product Type | Housing |
| Connector & Housing Type | Receptacle |
| Connector System | Wire-to-Board, Wire-to-Wire |
| Sealable | No |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 7 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Insulation Resistance | 1000 MΩ |
| Operating Voltage | 125 VDC |

### Body Features

| | |
|---|---|
| Primary Product Color | Black |

### Contact Features

| | |
|---|---|
| Contact Type | Socket |
| Contact Current Rating (Max) | 4 A |

## Termination Features

| | |
|---|---|
| Termination Method to Wire & Cable | Crimp |

## Mechanical Attachment

| | |
|---|---|
| Strain Relief | Without |
| Panel Mount Feature | Without |
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

## Housing Features

| | |
|---|---|
| Centerline (Pitch) | 2 mm[.079 in] |
| Housing Material | Thermoplastic |

## Dimensions

| | |
|---|---|
| Connector Width | 4.6 mm[.181 in] |
| Connector Height | 6.6 mm[.26 in] |
| Connector Length | 16 mm[.63 in] |
| Wire Size | 30 – 22 AWG |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -30 – 105 °C[-22 – 221 °F] |

## Operation/Application

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

## Industry Standards

| | |
|---|---|
| Compatible With Agency/Standards Products | CSA, UL |
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | Standard Part - Not Glow Wire |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1500 |
| Packaging Method | Bag & Box |

# Product Compliance

For compliance documentation, visit the product page on TE.com>

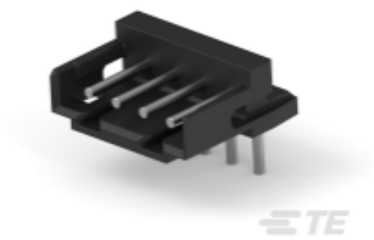
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |

| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not applicable for solder process capability |

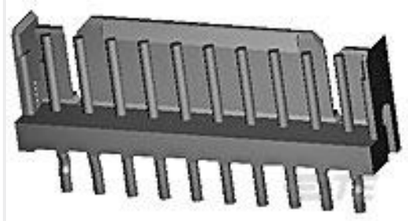
Product Compliance Disclaimer

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

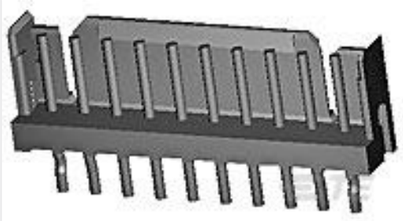
## Compatible Parts



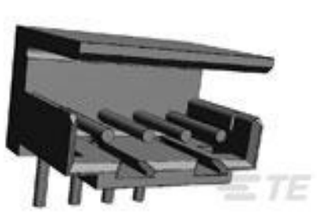
TE Part # CAT-3980407-RHDRRA
CT 2mm Header Assembly: Right Angle



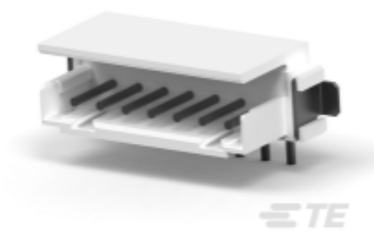
TE Part # 6-292161-7
CT P/HDR ASSY V 7P W/KINK BLAC



TE Part # 6-292170-7
CT P/HDR ASSY 7P V W/O KINK T



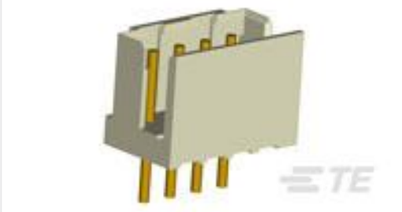
TE Part # 6-292250-7
CT P/HDR BOX H ASSY 7P W/KINK



TE Part # CAT-3984552-BHTHVS
CT Box Header SMT: Vert, Shrouded



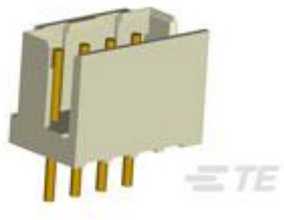
TE Part # CAT-3984552-PHITPS
CT Post Header Assembly: Part. Shrouded



TE Part # 6-292132-7
CT P/HDR BOX V 7P BLACK



TE Part # 6-292254-7
CT RELAY HDR ASSY 7P BLACK



TE Part # 6-292165-7

CT P/HDR BOX V 7P T/P BLACK

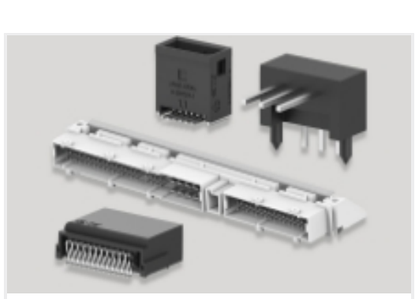
## Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(39)



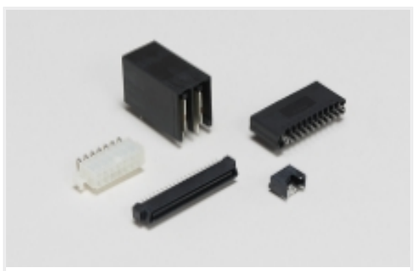
PCB Headers & Receptacles(739)



Rectangular Connector Housings(74)



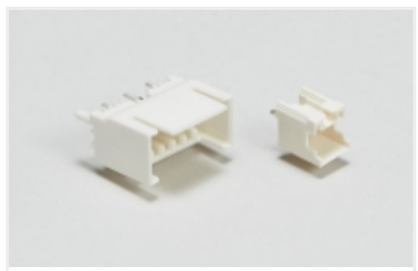
Rectangular Power Connectors(883)



Standard Rectangular Connectors(228)



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



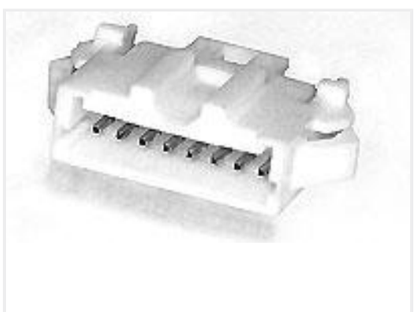
Wire-to-Board Headers & Receptacles (739)

## Customers Also Bought



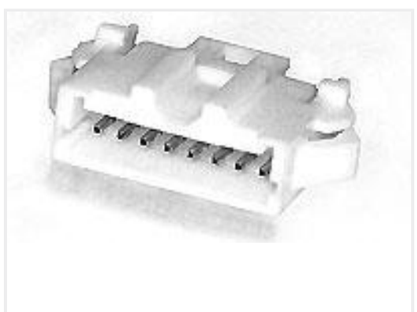
TE Part #CAT-AM7017-H8172

AMP COMMON TERMINATION HOUSINGS



TE Part #292215-6

MINI CT SGL RELAY 6P NAT



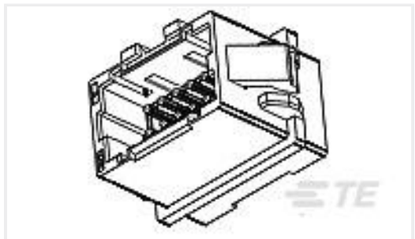
TE Part #292215-9

MINI CT SGL RELAY 9P NAT



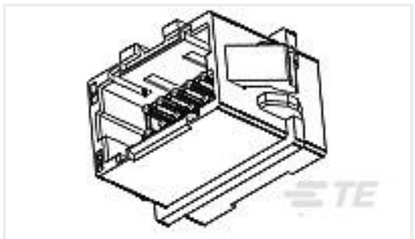
TE Part #2-292215-9

MINI CT SGL RELAY 9P BLACK



TE Part #2-292216-8

MINI CT D/R RELAY 28P V NAT



TE Part #3-292216-4

MINI CT D/R RELAY 34P V NAT



TE Part #7-353908-4

CT REC HSG 14P CRIMP TYPE BLU

TE Part #8-292155-4

SGL HDR PANEL MOUNT ASSY

TE Part #9-292155-4
SGL HDR PANEL MOUNT ASSY

## Documents

### Product Drawings

CT CRIMP-2 REC HSG 7P BLACK

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-179228-7_N1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-179228-7_N1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-179228-7_N1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

### Product Specifications

Crimping of AMP 2.0mm Pitch, CT Crimp TypeII Rec Contact

English

Application Specification

English

### Agency Approvals

Agency Approval Document

English