

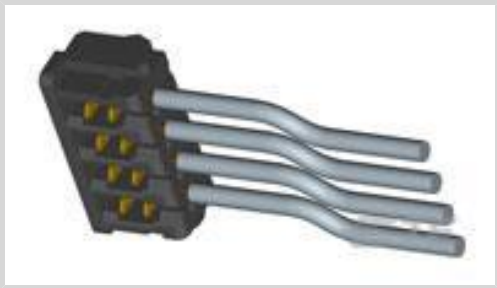


AMP CT

TE Internal #: 3-179694-0  
Connector Assembly, Receptacle, Wire-to-Board, 10 Position, .079 in [2 mm] Centerline, Insulation Displacement (IDC), 1 Row, Gray, 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: **10**  
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 | 10 |
| Number of Rows      | 1  |

Body Features

|                       |      |
|-----------------------|------|
| Primary Product Color | Gray |
|-----------------------|------|

Contact Features

|                              |     |
|------------------------------|-----|
| Contact Current Rating (Max) | 3 A |
|------------------------------|-----|

Termination Features

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

Mechanical Attachment

|  |  |
|--|--|
|  |  |
|--|--|



|                         |                            |
|-------------------------|----------------------------|
| Mating Retention Type   | Lock                       |
| Mating Retention        | With                       |
| 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)<br>Candidate List Declared Against: JAN 2024 (240)<br>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 # 1-292206-0  
MINI CT SGL DIP H 10P NAT



TE Part # CAT-3980408-PHDWKV  
CT 2mm Post Header Assembly with  
Kink - Vertical



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



TE Part # CAT-3983178-PHBXVD  
CT 2mm Post Header Asmbly: Box V  
DIP



TE Part # 1-292250-0  
CT P/HDR BOX H ASSY 10P W/KINK



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 # 1-292254-0  
CT RELAY HDR ASSY 10P NAT



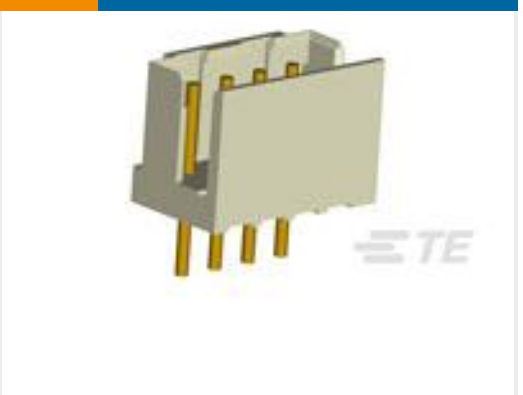
TE Part # 1-292215-0  
MINI CT SGL RELAY 10P NAT



TE Part # 1-292207-0  
MINI CT SGL DIP V 10P NAT



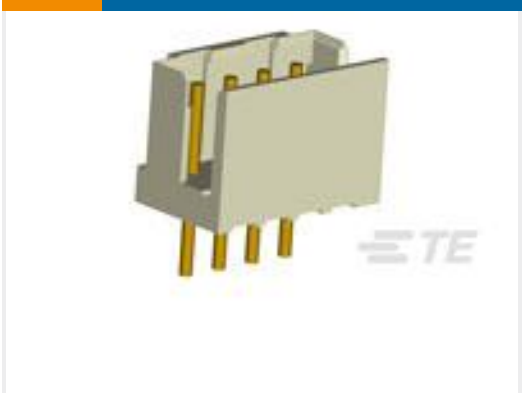
TE Part # 1-292133-0  
CT P/HDR ASSY BOX V 10P W/O KI



TE Part # 1-292134-0  
CT BOX HDR ASSY V 10P AU W/KIN



TE Part # 1-292164-0  
CT P/HDR BOX H ASSY 10P T/P NA



TE Part # 1-292165-0  
CT P/HDR BOX V 10P T/P NAT



TE Part # 1-292166-0  
CT P/HDR BOX V 10P T/P NAT W/O



TE Part # 1-292271-0  
MT REC ASSY(GOLD-PLATING) FOR



TE Part # 6-292271-0  
MT REC ASSY AU-PL. 10P BLUE

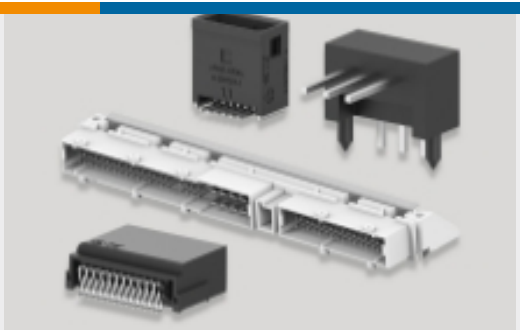
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

## Customers Also Bought



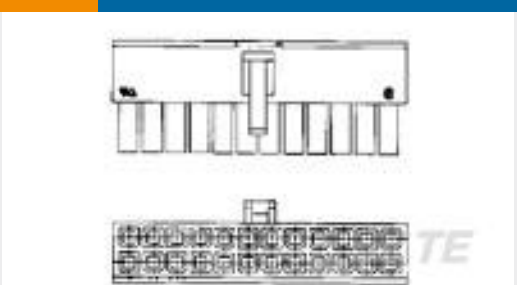
TE Part # 215083-4  
MICRO-MATCH MOW.04P



TE Part # 173977-8  
AMP COMMON TERMINATION HOUSINGS



TE Part # 953697-1  
3POS MQS REC



TE Part # 1-794954-0  
10P RCPT VAL-U-LOK V2



TE Part # 2178473-2  
3POS UMNL PLUG HSG V0 GW



TE Part # 5-928999-1  
MQS0,63 Sn rec LL unseal. >0,2-0,35



TE Part # 2178474-2  
3POS UMNL CAP HSG V0 GW

## Documents

### CAD Files

#### 3D PDF

3D

#### Customer View Model

ENG\_CVM\_CVM\_3-179694-0\_F.2d\_dxf.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_3-179694-0\_F.3d\_igs.zip

English

#### Customer View Model

ENG\_CVM\_CVM\_3-179694-0\_F.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



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[Product Specifications](#)

[Application Specification](#)

English