

173977-4 ✓ ACTIVE

AMP CT

TE Internal #: 173977-4

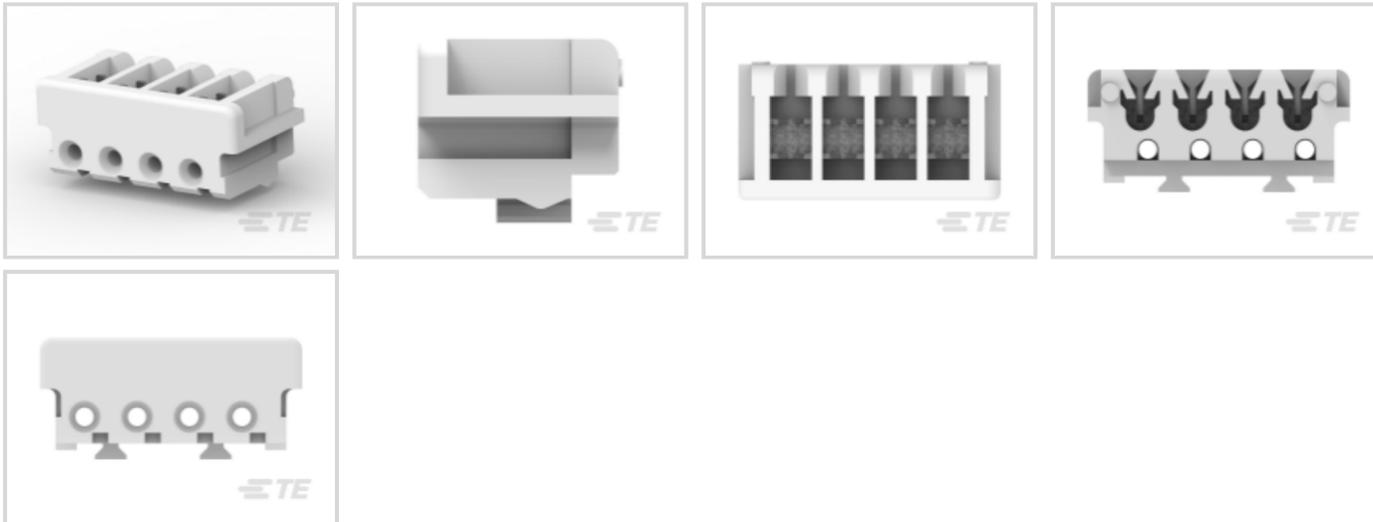
Connector Assembly, Receptacle, Wire-to-Board, 4 Position, .079 in [2 mm] Centerline, Insulation Displacement (IDC), 1 Row, Natural, AMP CT

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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: **4**

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 | 4 |
| Number of Rows | 1 |

Body Features

| | |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

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



| | |
|------------------------------|-----|
| Contact Current Rating (Max) | 2 A |
|------------------------------|-----|

Termination Features

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

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] |
|-----------------------------|-----------------------------|

Operation/Application

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

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

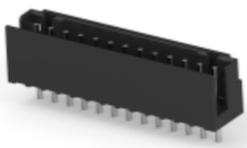
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



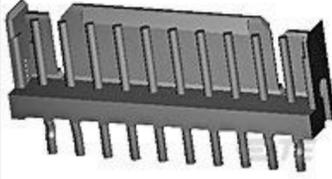
TE Part # CAT-3983178-PHBXVD
CT 2mm Post Header Asmby: Box V
DIP



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



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



TE Part # 2-292161-4
CT P/HDR ASSY V 4P W/KINK BLUE



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



TE Part # 292133-4
CT P/HDR ASSY BOX V 4P W/O KIN



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



TE Part # CAT-3980655-RHAFH
CT Relay Header Assembly: Free
Hanging



TE Part # 58074-1
MTA 50/100/156 MANUAL TOOL
FRAME



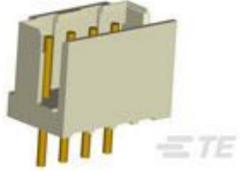
TE Part # 58372-1
HEAD (IDC) 2MM C.T. W/O TL



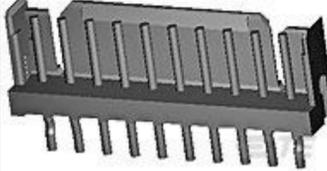
TE Part # 292185-8
REC ASS'Y OF HYB DRAWER 12P



TE Part # 292182-8
PLUG ASS'Y OF HYB DRAWER 12P



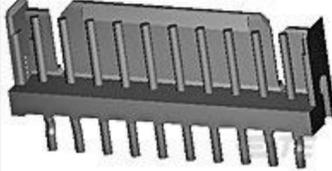
TE Part # 292134-4
CT BOX HDR ASSY V 4P AU W/KINK



TE Part # 292170-4
CT P/HDR ASSY 4P V W/O KINK T



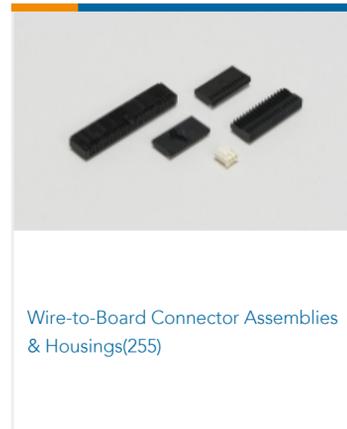
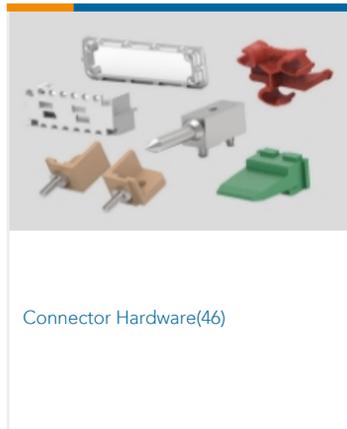
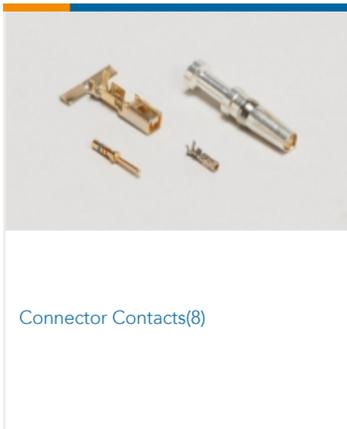
TE Part # 1-292254-6
CT RELAY HDR ASSY 4P NAT



TE Part # 2-292145-4
CT P/HDR ASSY V 4P W/O KINK BL



Also in the Series | AMP CT



Customers Also Bought





Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_173977-4_M.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_173977-4_M.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_173977-4_M.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

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