

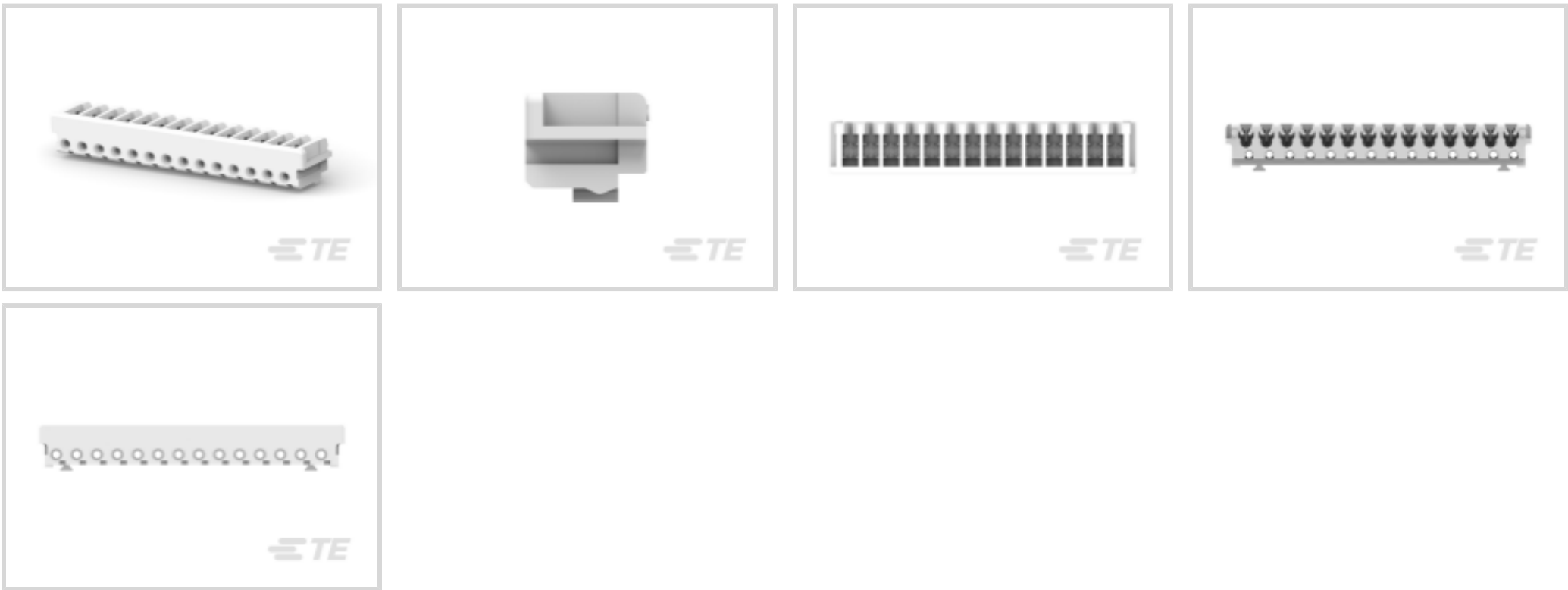


AMP CT

TE Internal #: 1-173977-4  
Connector Assembly, Receptacle, Wire-to-Board, 14 Position, 2 mm  
[.079 in] 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: **14**  
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 | 14 |
| 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: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<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                                                                                    |

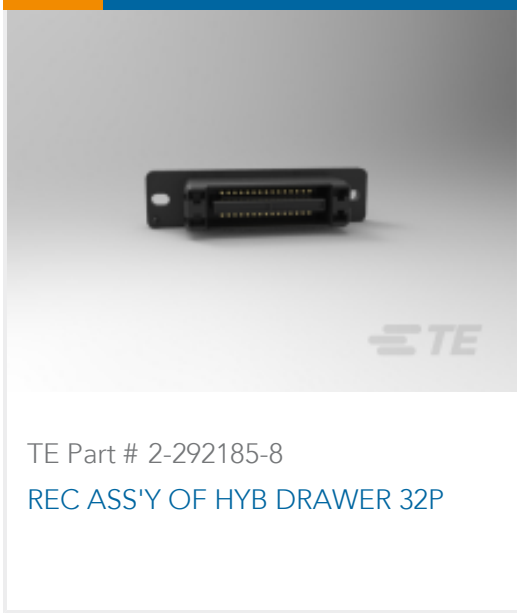
Product Compliance Disclaimer

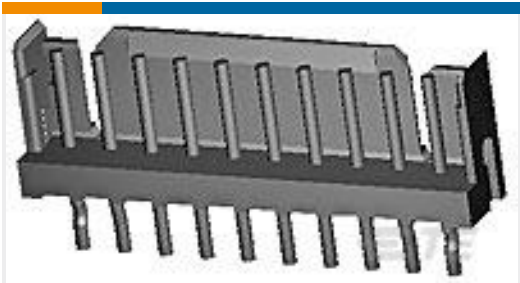
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

|                                                                                                                                                    |                                                                                                                                                                  |                                                                                                                                                      |                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 1-292161-4<br/>CT P/HDR ASSY V 14P W/KINK NAT</p>  |  <p>TE Part # CAT-3983178-PHBXVD<br/>CT 2mm Post Header Asmbly: Box V DIP</p> |  <p>TE Part # 1-292133-4<br/>CT P/HDR ASSY BOX V 14P W/O KI</p>  |  <p>TE Part # 1-292173-4<br/>CT BOX HDR H SMT 4P O/TAPE NAT</p>  |
|  <p>TE Part # 58074-1<br/>MTA 50/100/156 MANUAL TOOL FRAME</p>  |  <p>TE Part # 58372-1<br/>HEAD (IDC) 2MM C.T. W/O TL</p>                     |  <p>TE Part # 2-292185-8<br/>REC ASS'Y OF HYB DRAWER 32P</p>    |  <p>TE Part # 1-292254-4<br/>CT RELAY HDR ASSY 14P NAT</p>      |
|  <p>TE Part # 1-292250-4<br/>CT P/HDR BOX H ASSY 14P W/KINK</p> |  <p>TE Part # CAT-3980407-RHDRRA<br/>CT 2mm Header Assembly: Right Angle</p> |  <p>TE Part # 2-175133-8<br/>CT DOUBLE ROW 28P HOLDER NATU.</p> |  <p>TE Part # 2-292181-8<br/>PLUG ASS'Y OF HYB DRAWER 32P</p>   |
|  <p>TE Part # 1-292145-4<br/>CT P/HDR ASSY V 14P W/O KINK N</p> |  <p>TE Part # 1-292164-4<br/>CT P/HDR BOX H ASSY 14P T/P NA</p>              |  <p>TE Part # 1-292165-4<br/>CT P/HDR BOX V 14P T/P NAT</p>     |  <p>TE Part # 1-292166-4<br/>CT P/HDR BOX V 14P T/P NAT W/O</p> |



TE Part # 1-292170-4  
CT P/HDR ASSY 14P V W/O KINK



TE Part # 1-292271-4  
MT REC ASSY AU-PL. 14P GRAY



TE Part # 2-176233-8  
CT DBL ROW HDR 28P BLACK



TE Part # 2-176236-8  
CT DBL ROW HOLDER 28P BLUE

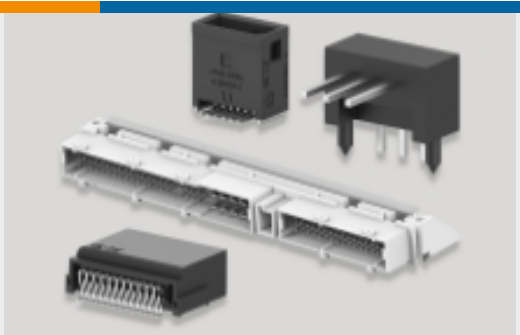
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

Customers Also Bought



TE Part #1-173977-1  
AMP COMMON TERMINATION  
HOUSINGS



TE Part #179609-1  
AMP CT CRIMP TTYPE-2 REC CONT.



TE Part #487526-5  
006 HOUSING FFC RCPT 100CL SR



TE Part #487406-1  
FFC RCPT CONT SP 15AU RL



TE Part #171822-8  
EIS REC. HSG 8P-NATURAL



TE Part #1-353293-8  
MINI CT MT REC ASSY 18P GRAY



TE Part #1-353293-2  
MINI CT MT REC ASSY 12P GRAY



TE Part #1-353293-0  
MINI CT MT REC ASSY 10P GRAY

Documents

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1-173977-4\_M.2d\_dxf.zip

English

3D PDF

3D



Customer View Model

[ENG\\_CVM\\_CVM\\_1-173977-4\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-173977-4\\_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