1-173977-0 ✔ ACTIVE

AMP CT

TE Internal #: 1-173977-0

Connector Assembly, Receptacle, Wire-to-Board, 10 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, 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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	PBT GF

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Body Features

Primary Product Color	Natural

Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Contact Features

Contact Current Rating (Max)	2 A

Operation/Application

Circuit Application	Power & Signal

Usage Conditions

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

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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



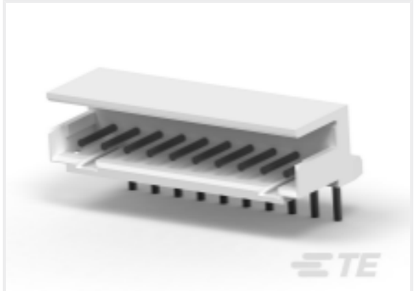
TE Part # 1-292161-0
CT P/HDR ASSY V 10P W/KINK NAT



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



TE Part # 1-292132-0
CT P/HDR BOX V 10P NAT



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 # 2-179608-0
CT DBL ROW HOLDER,MT,20P,NA



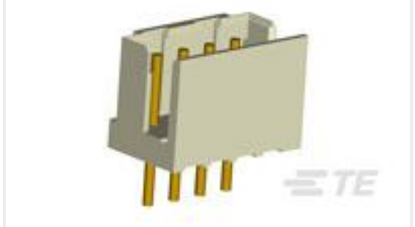
TE Part # 2-175133-0
CT DOUBLE ROW 20P HOLDER NATU.



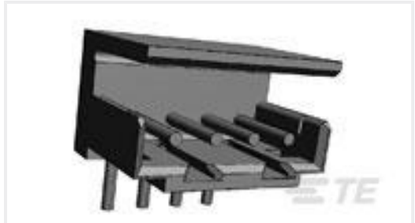
TE Part # 2-292185-0
REC ASS'Y OF HYB DRAWER 24P



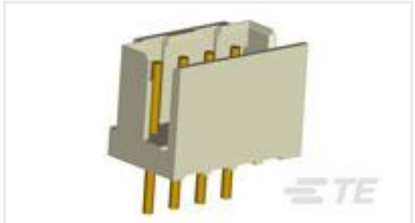
TE Part # 1-292133-0
CT P/HDR ASSY BOX V 10P W/O KI



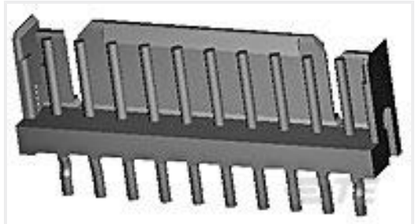
TE Part # 1-292134-0
CT BOX HDR ASSY V 10P AU W/KIN



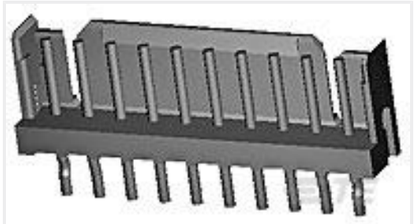
TE Part # 1-292130-0
CT P/HDR BOX-H 10P SHORT W/KIN



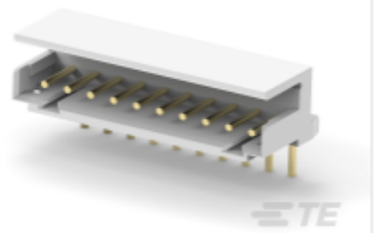
TE Part # 1-292136-0
CT BOX HDR ASSY V 10P NAT GF



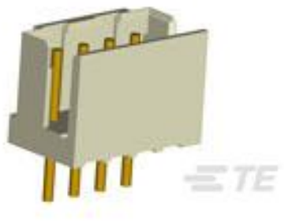
TE Part # 1-292145-0
CT P/HDR ASSY V 10P W/O KINK N



TE Part # 1-292146-0
CT P/HDR ASSY V 10P GF NAT



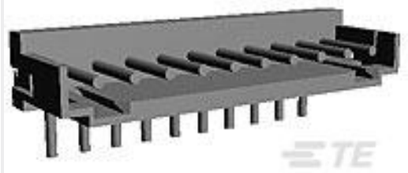
TE Part # 1-292164-0
CT P/HDR BOX H ASSY 10P T/P NA



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

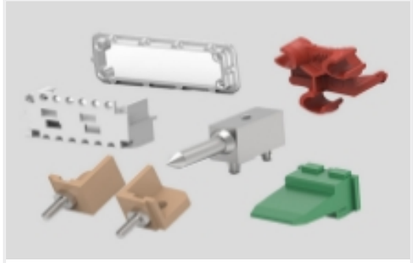


TE Part # 1-292168-0
CT P/HDR ASSY 10P H W/O KINK T

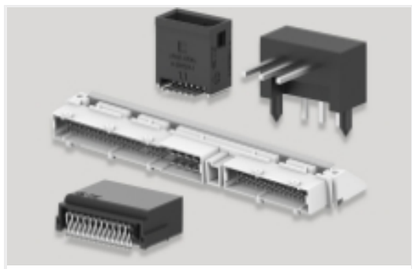
Also in the Series | AMP CT



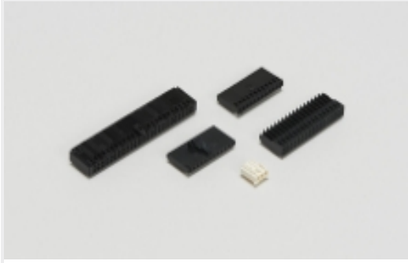
Connector Contacts(8)



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



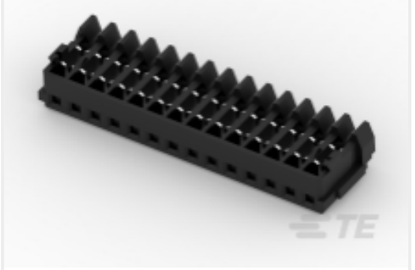
TE Part #2-353294-4
AMP MINI D/R HDR HSG 24P NATU



TE Part #3-353294-4
AMP MINI D/R HDR HSG 34P NATU



TE Part #1-353293-5
1.5 MINI-CT RECEPTACLE



TE Part #3-353293-4
1.5MM CT MT REC ASSY 14P BLACK



TE Part #3-353293-6
1.5MM CT MT REC ASSY 16P BLACK



TE Part #3-353293-7
1.5MM CT MT REC ASSY 17P BLACK

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1-173977-0_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-173977-0_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-173977-0_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

CSA Certificate

English