1-173977-2 ✔ ACTIVE

AMP CT

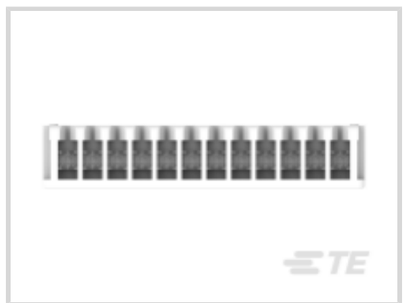
TE Internal #: 1-173977-2

AMP CT, Connector Assembly, Receptacle, Wire-to-Board, 12 Position, 2mm [.079in] Centerline, Insulation Displacement Crimp (IDC), 1 Row

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: **12**

Centerline (Pitch): **2 mm [.079 in]**

All AMP COMMON TERMINATION HOUSINGS (149)

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	12
Number of Rows	1

Contact Features

Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement Crimp (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]
Housing Color	Natural

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Product Compliance

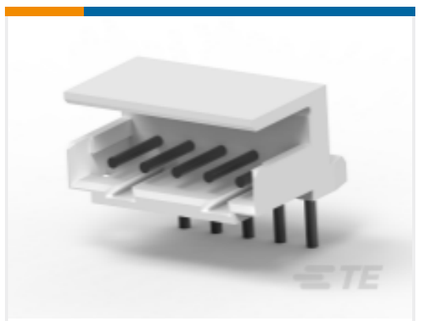
For compliance documentation, visit the product page on TE.com>

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 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

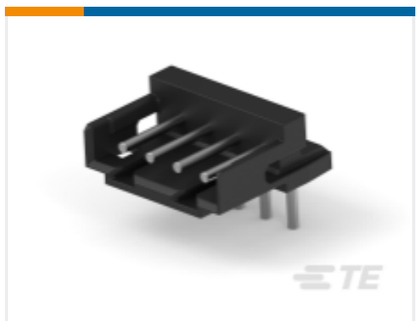
Product Compliance Disclaimer

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-3983174-PHBXHK
CT 2mm Post Header Assembly Box H Kink



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



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



TE Part # CAT-3980408-PHDWKV
CT 2mm Post Header Assy w/Kink - Vert.



TE Part # CAT-3980408-PHDBXV
CT 2mm Post Header Assembly: Box-V



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



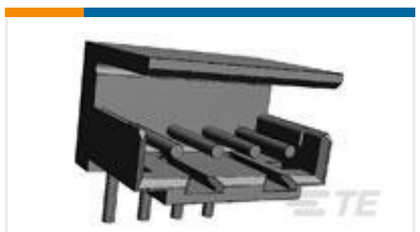
TE Part # 58372-1
HEAD (IDC) 2MM C.T. W/O TL



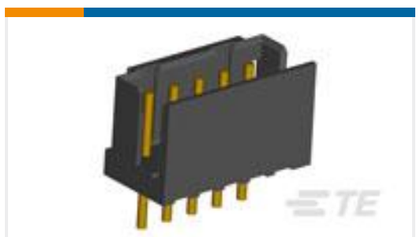
TE Part # 2-179608-4
CT DBL ROW HOLDER,MT,24P,NA



TE Part # 2-175133-4
CT DOUBLE ROW 24P HOLDER NATU.



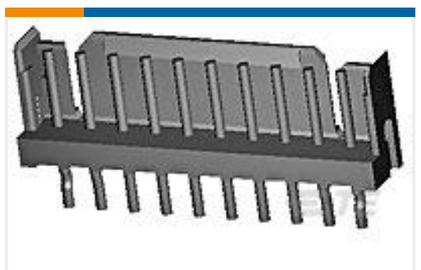
TE Part # 1-292164-2
CT P/HDR BOX H ASSY 12P T/P NA



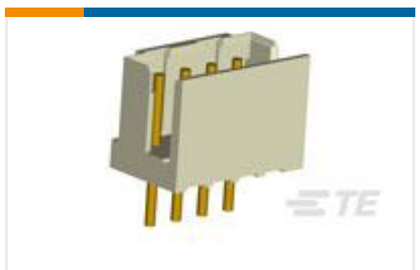
TE Part # 1-292135-2
CT BOX HDR V ASSY 12P SHORT TIN



TE Part # 1-292134-2
CT BOX HDR ASSY V 12P AU W/KIN



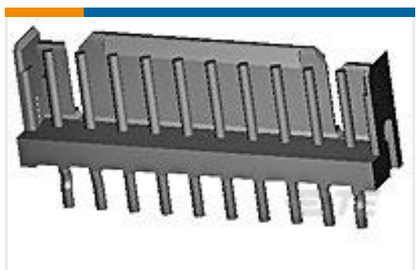
TE Part # 1-292145-2
CT P/HDR ASSY V 12P W/O KINK N



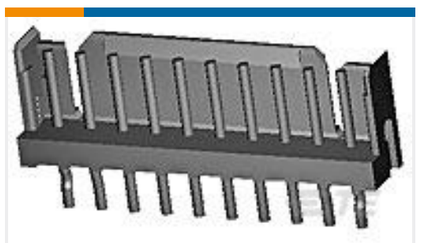
TE Part # 1-292165-2
CT P/HDR BOX V 12P T/P NAT



TE Part # 1-292166-2
CT P/HDR BOX V 12P T/P NAT W/O



TE Part # 1-292169-2
CT P/HDR V 12P T/P NAT



TE Part # 1-292170-2
CT P/HDR ASSY 12P V W/O KINK



TE Part # 1-292271-2
MT REC ASSY AU-PL. 12P GRAY



TE Part # 2-176233-4
CT DBL ROW HOLDER 24P BLACK



TE Part # 2-176236-4
CT DBL ROW HOLDER 24P BLUE

Also in the Series | AMP CT



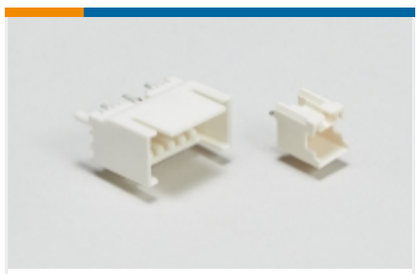
PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)



Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought



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



TE Part #1-292254-1
AMP COMMON TERMINATION HEADERS



TE Part #1-353908-2
Mini Common Termination (CT) Housings



TE Part #1337362-1
STANDARD DRAWER PLUG HOUSINGS



TE Part #173638-1
RING TERMINAL 18-14 AWG 0.622X11.3 TPCP

TE Part #8-292112-2
MT REC ASSY (#26,28)

Documents

Product Drawings

CT CONN MT REC ASSY 12P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-173977-2_M.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-173977-2_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-173977-2_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

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_1-173977-2_07022018234_dmtec

English

Instruction Sheets

MINI PRESS CT CONNECTOR (WAS IS-553J)

Japanese

Instruction Sheet (non U.S.)

Japanese

Agency Approvals

CSA Certificate

English