2-173977-3 ✔ ACTIVE

AMP CT

TE Internal #: 2-173977-3

Connector Assembly, Receptacle, Wire-to-Board, 3 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Blue, Wire & Cable, 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: **3**

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

All AMP COMMON TERMINATION HOUSINGS (176)

Features

Dimensions

	2 in

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	3
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	Blue

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

Electrical Characteristics

Termination Resistance	3 mΩ

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 # CAT-AM7017-H342
AMP COMMON TERMINATION HEADERS



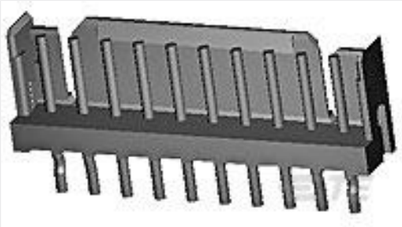
TE Part # 292175-3
CT BOX HDR V SMT 3P O/TAPE NAT



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



TE Part # 2-292132-3
CT P/HDR BOX V 3P BLUE



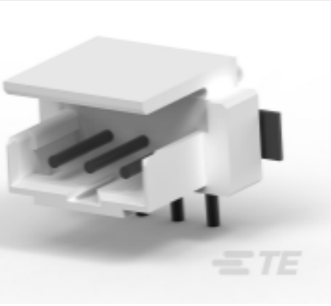
TE Part # 2-292161-3
CT P/HDR ASSY V 3P W/KINK BLUE



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 # 292174-3
CT BOX HDR V SMT 3P O/TAPE NAT



TE Part # 292156-3
CT RELAY HDR ASSY FREE HANGING



TE Part # 292132-3
CT P/HDR BOX V 3P NAT



TE Part # 292250-3
CT P/HDR BOX H ASSY 3P W/KINK



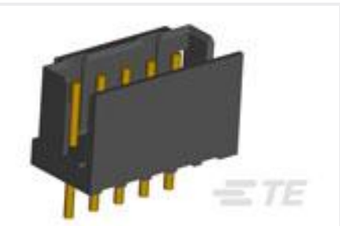
TE Part # 2-173983-3
AMP CT MT AMP-IN HDR-H YEL 3P



TE Part # 2-173985-3
AMP CT MT AMP-IN HDR-V BLU 3P



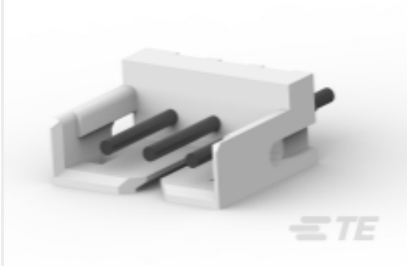
TE Part # 2-292156-3
CT RELAY HDR ASSY FREE HANGING



TE Part # 2-292133-3
CT P/HDR ASSY BOX V 3P W/O KIN



TE Part # 2-292250-3
CT P/HDR BOX H ASSY 3P W/KINK



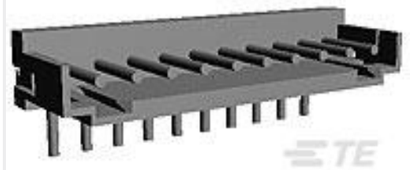
TE Part # 292161-3
CT P/HDR ASSY V 3P W/KINK NAT



TE Part # 174453-3
CT AMP-IN ASSY 3P H BLUE



TE Part # 2-292135-3
CT BOX HDR V ASSY 3P SHORT TIN

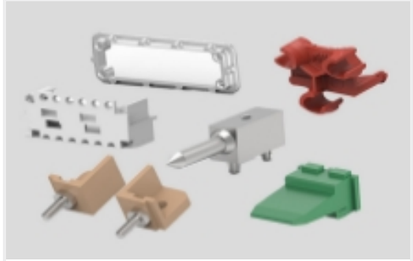


TE Part # 2-292143-3
CT POST HDR ASSY 3P H W/O KINK

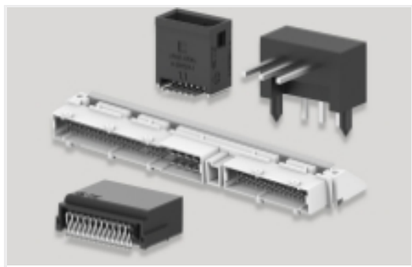
Also in the Series | AMP CT



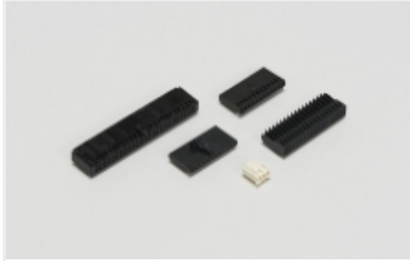
Connector Contacts(8)



Connector Hardware(46)

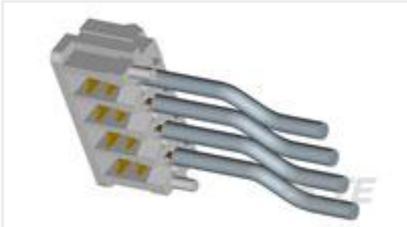


PCB Headers & Receptacles(756)

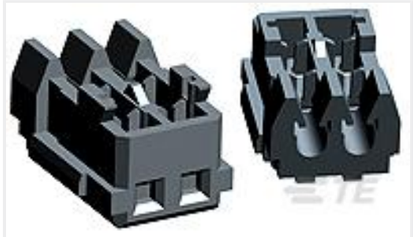


Wire-to-Board Connector Assemblies & Housings(255)

Customers Also Bought



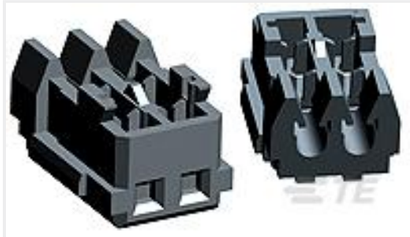
TE Part #173977-6
CT CONN MT REC ASSY 6P



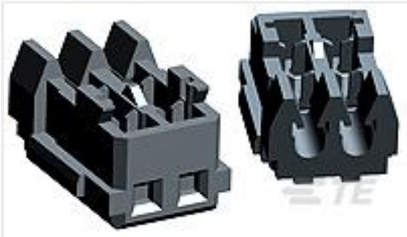
TE Part #1-353293-6
MINI CT MT REC ASSY 16P GRAY



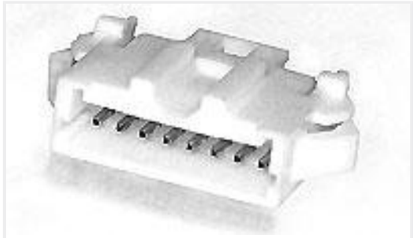
TE Part #292156-3
CT RELAY HDR ASSY FREE HANGING



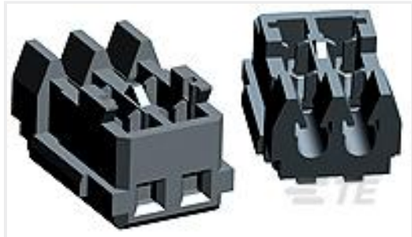
TE Part #1-353293-8
MINI CT MT REC ASSY 18P GRAY



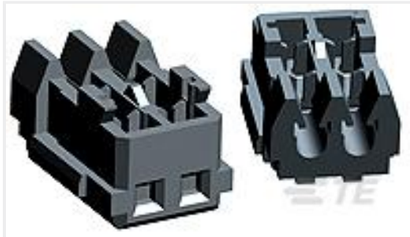
TE Part #353293-6
MINI CT MT REC ASSY 6P GRAY



TE Part #1-292215-2
MINI CT SGL RELAY 12P NAT



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



TE Part #353293-3
MINI CT MT REC ASSY 3P GRAY

TE Part #8-292112-6
MT REC ASSY (#26,28)

TE Part #8-292112-3
MT REC ASSY (#26,28)

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_2-173977-3_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-173977-3_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-173977-3_M.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

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