

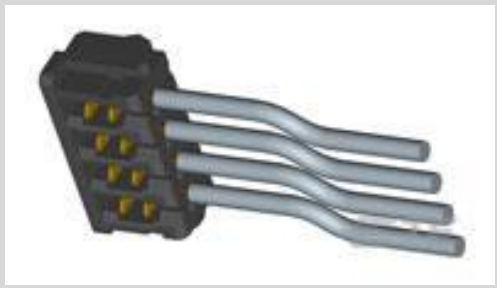


AMP CT

TE Internal #: 3-179694-0
Connector Assembly, Receptacle, Wire-to-Board, 10 Position, 2 mm
[.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Gray,
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: **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)
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Body Features

Primary Product Color	Gray
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Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Mating Retention Type	Lock

Contact Features

Contact Current Rating (Max)	3 A
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Operation/Application

Circuit Application	Power & Signal
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Usage Conditions

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

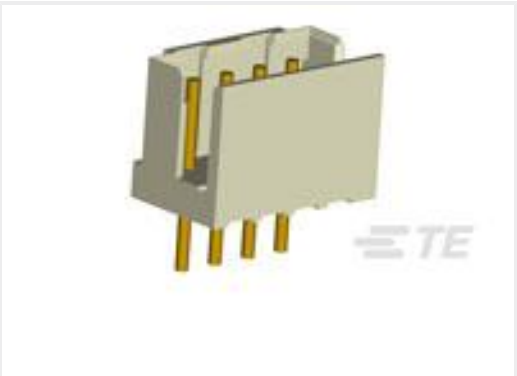
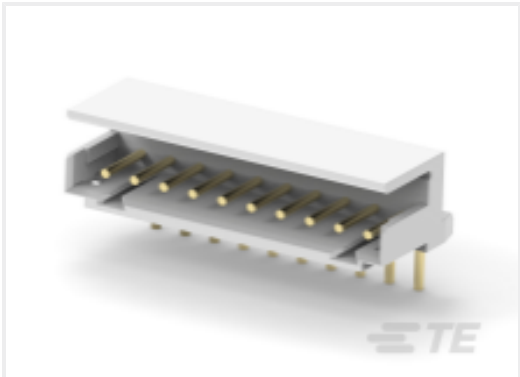
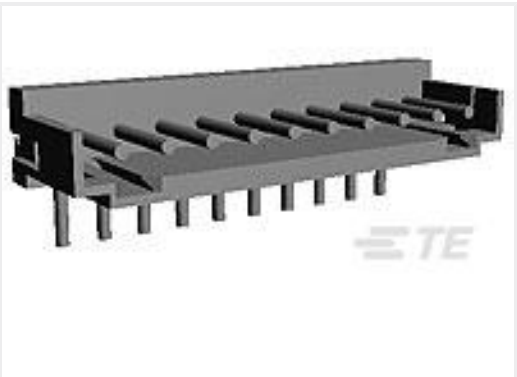
Product Compliance Disclaimer

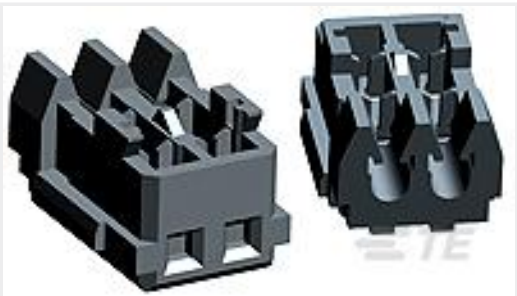
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



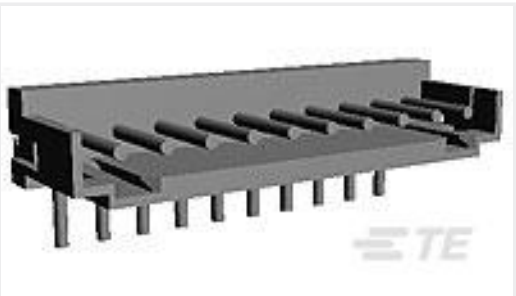
on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

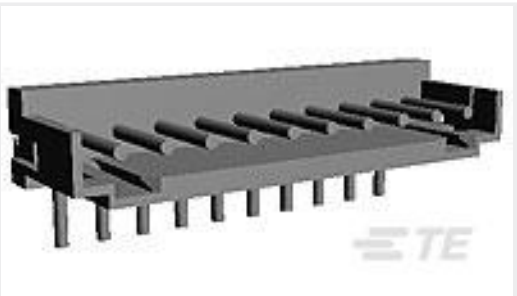
 TE Part # 1-292206-0 MINI CT SGL DIP H 10P NAT	 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assembly with Kink - Vertical	 TE Part # CAT-3980407-RHARRA CT 2mm Header Assembly: Right Angle	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP
 TE Part # 1-292250-0 CT P/HDR BOX H ASSY 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 # 1-292215-0 MINI CT SGL RELAY 10P NAT	 TE Part # 1-292207-0 MINI CT SGL DIP V 10P NAT	 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 # 1-292164-0 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



TE Part # 1-292271-0
MT REC ASSY(GOLD-PLATING) FOR



TE Part # 3-292168-0
CT P/HDR ASSY 10P H W/O KINK T



TE Part # 5-292168-0
CT P/HDR ASSY 10P H W/O KINK T

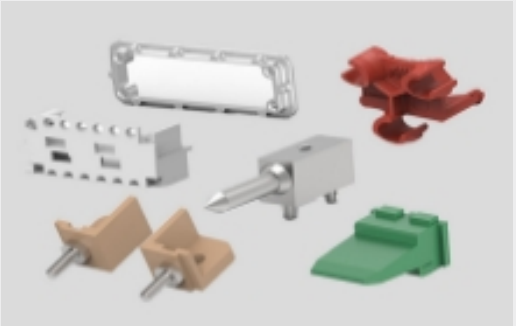


TE Part # 6-292271-0
MT REC ASSY AU-PL. 10P BLUE

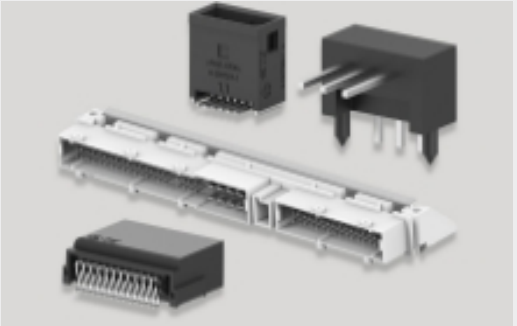
Also in the Series | AMP CT



Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

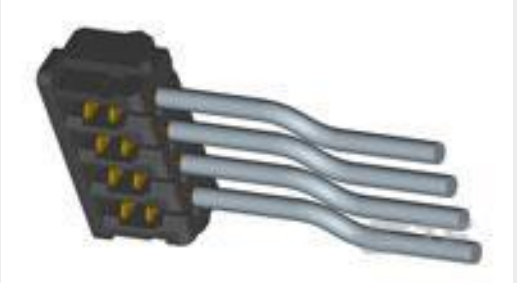
Customers Also Bought



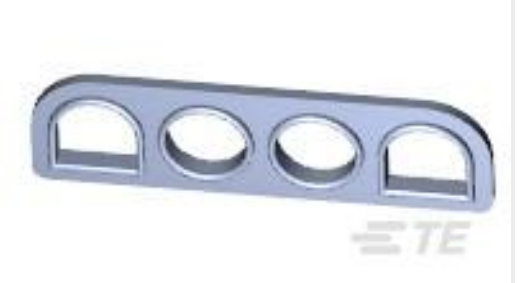
TE Part #1375820-2
CST-100 II HOUSING 2 POS



TE Part #3-640470-4
04P MTA100 CONN ASSY ON TAPE



TE Part #2-179694-9
2MM CT MT REC ASSY 9P GRAY



TE Part #794273-1
04P UMNL INTERFACE SEAL



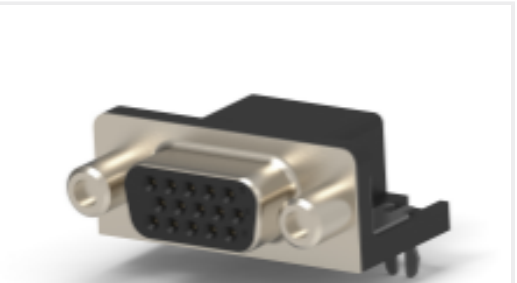
TE Part #794274-1
04P UMNL WIRE SEAL



TE Part #350923-3
UMNL SOK 10-12 .0125 PTPPHBZ



TE Part #336369-1
250 FASTON HSG.,REC.,1 POS,
NATRUAL



TE Part #2311763-3
AMPL REC, HD22, R/A, 15P,
THREADED



TE Part #2178474-2
3POS UMNL CAP HSG V0 GW



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-179694-0_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-179694-0_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-179694-0_F.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