



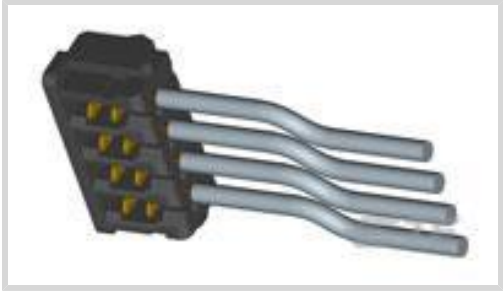
AMP CT

TE Internal #: 2-179694-6

Connector Assembly, Receptacle, Wire-to-Board, 6 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Gray, 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: **6**

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

[All AMP COMMON TERMINATION HOUSINGS \(176\)](#)

Features

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2 mm[.079 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	6
Number of Rows	1

Body Features



Primary Product Color	Gray
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Contact Features

Contact Current Rating (Max)	3 A
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Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)
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Usage Conditions

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

Circuit Application	Power & Signal
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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



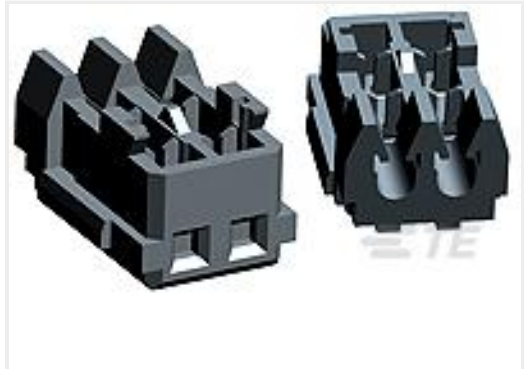
TE Part # 292215-6
MINI CT SGL RELAY 6P NAT



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



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



TE Part # 292271-6
MT REC ASSY AU-PL. 6P GRAY



TE Part # 292134-6
CT BOX HDR ASSY V 6P AU W/KINK



TE Part # CAT-3984552-PHITPS
CT Post Header Assembly: Part. Shrouded



TE Part # CAT-3980655-RHAFH
CT Relay Header Assembly: Free Hanging



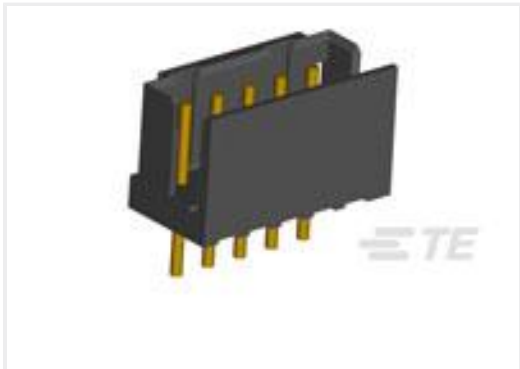
TE Part # CAT-3984552-BHTHVS
CT Box Header SMT: Vert, Shrouded



TE Part # CAT-3983178-PHBXVD
CT 2mm Post Header Asmby: Box V DIP



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



TE Part # 292133-6
CT P/HDR ASSY BOX V 6P W/O KIN



TE Part # 292207-6
MINI CT SGL DIP V 6P NAT



TE Part # 292166-6
CT P/HDR BOX V 6P T/P NAT W/O



TE Part # 292254-6
CT RELAY HDR ASSY 6P NAT



TE Part # CAT-3980408-PHDWKV
CT 2mm Post Header Assembly with Kink - Vertical



TE Part # 292206-6
MINI CT SGL DIP H 6P NAT



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



TE Part # 292227-6
1.5 MINI CT SGL H SMT W BOSS 6



TE Part # 292164-6
CT P/HDR BOX H ASSY 6P T/P NAT



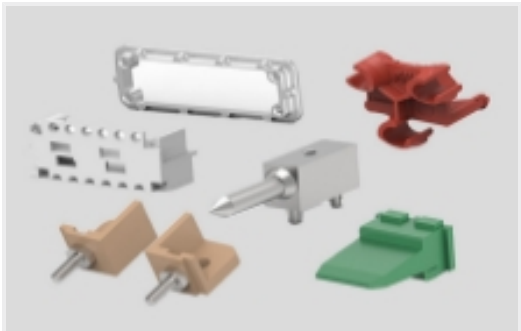
TE Part # 292165-6
CT P/HDR BOX V 6P T/P NAT



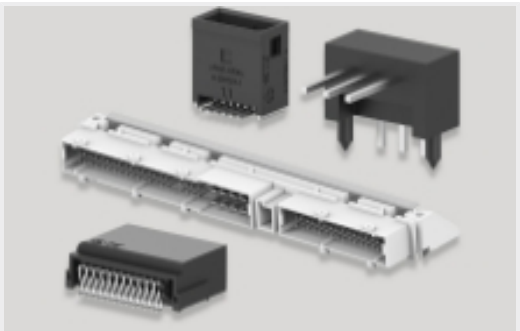
Also in the Series | AMP CT



Connector Contacts(8)



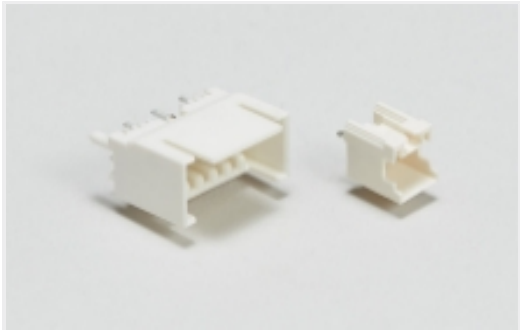
Connector Hardware(46)



PCB Headers & Receptacles(756)



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



Wire-to-Board Headers & Receptacles (756)

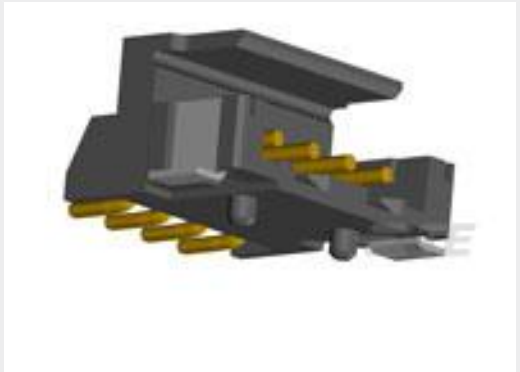
Customers Also Bought



TE Part #M902-2192
BKSHL, 9SZ, CBL SZ .300-.430, HD10



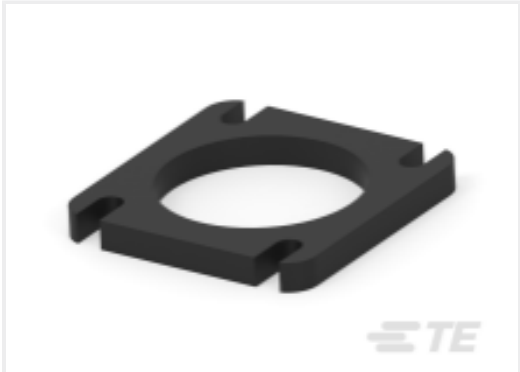
TE Part #86561-6
ROUND WIRE PIN L.P.



TE Part #292173-4
CT BOX HDR H SMT 4P O/TAPE BLA



TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V DIP



TE Part #HD10-3-GKT
GASKET, 3SZ, BLK, HD10



TE Part #1028-011-0605
BKSHL, 6P, BLK, PLG, ST, NW 10/13



TE Part #2325347-2
Power Versa-Lock INTERFACE SEAL, 1X2



TE Part #2325349-2
Power Versa-Lock REAR SEAL, 1X2, LargeID



TE Part #2334614-2
Power Versa-Lock BACK COVER 2P



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-179694-6_F.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2-179694-6_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-179694-6_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

Crimping of AMP 2.0mm Pitch, CT Crimp Typell Rec Contact

English

Application Specification

English