

2-179694-6 ✓ ACTIVE

AMP CT

TE Internal #: 2-179694-6

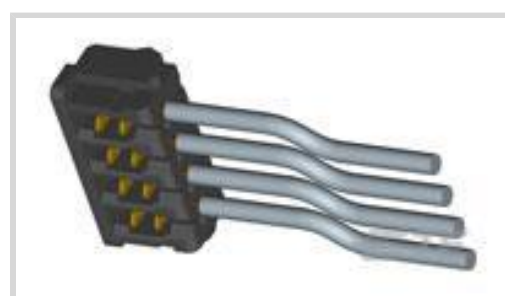
Connector Assembly, Receptacle, Wire-to-Board, 6 Position, 2 mm [.079 in] Centerline, Insulation Displacement (IDC), 1 Row, Gray, AMP CT

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[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

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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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]

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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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



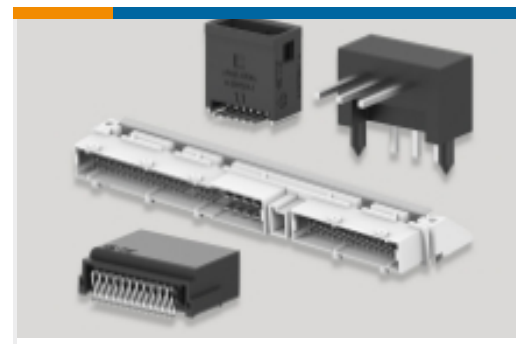
Also in the Series | **AMP CT**



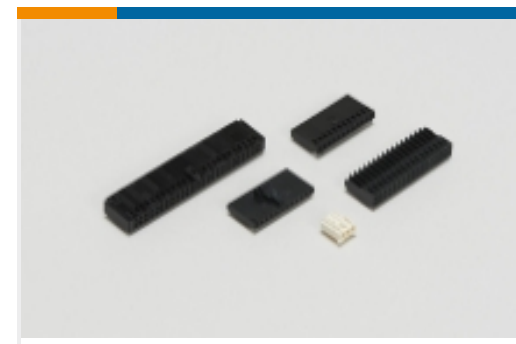
Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)



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

Customers Also Bought



TE Part #DT04-4P-EP13
REC, 4P, BLK, BUSBAR, NICKEL



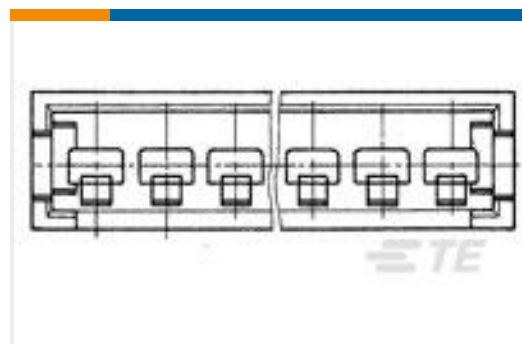
TE Part #86561-6
ROUND WIRE PIN L.P.



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



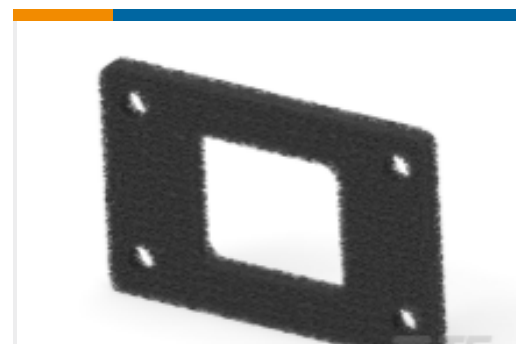
TE Part #292161-4
CT 2mm Post Header Asmbly: Box V DIP



TE Part #280629
AMPMODU II COSI PIN HSG, SGL ROW, 4 POS.



TE Part #2-34108-2
SOLIS R 22-16 COMM 22-18 MIL 8



TE Part #DT8P-L012-GKT
GASKET, 8P, BLK, DT/DTM



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



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

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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