

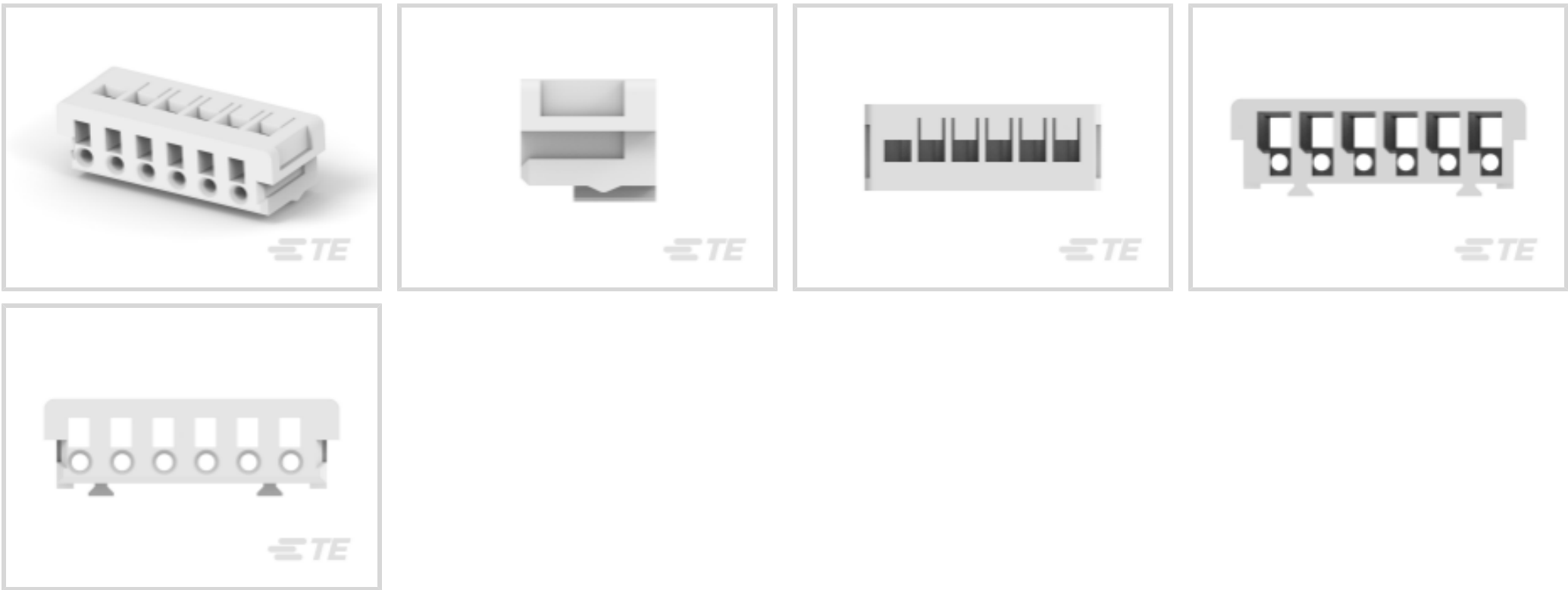


AMP CT

TE Internal #: 175778-6
Housing, Receptacle, Wire-to-Board, 6 Position, 2 mm [.078 in]
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,
Power & Signal

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >
AMP COMMON TERMINATION HOUSINGS



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **6**
Centerline (Pitch): **2 mm [.078 in]**

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

Features

Product Type Features

Connector Product Type	Housing
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

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

Housing Material	66 Nylon
Centerline (Pitch)	2 mm [.078 in]

Dimensions

Connector Length	14 mm [.551 in]
Connector Height	4 mm [.157 in]
Connector Width	5.1 mm [.2 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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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	2500
Packaging Method	Bag

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

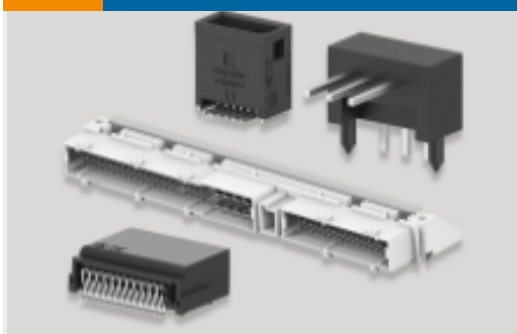
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 292161-6
CT P/HDR ASSY V 6P W/KINK NAT

Also in the Series | AMP CT

 Connector Contacts(8)	 Connector Hardware(46)	 PCB Headers & Receptacles(756)	 Wire-to-Board Connector Assemblies & Housings(255)
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Customers Also Bought



TE Part #2-1630012-8
HSC150 22R 5%

TE Part #3-520107-2
ULTRA-FAST 250 ASY TAB 16-14 AWG TPBR

TE Part #4-1437565-1
FSM4JSMA=SMT,TACTILE,PB SWITCH

TE Part #179464-2
DBL LOCK CAP F/H 3P RED

TE Part #3-1633917-4
ANVIL, COMBINATION

TE Part #1463047-6
ANVIL,COMPACT SQUIB 1612124-3

TE Part #1729341-4
ANVIL,COMBINATION

TE Part #2-1463696-3
CRIMPER,WIRE

TE Part #240639-4
STRIPPER **1

TE Part #3-1729341-4
ANVIL,COMBINATION

Documents

Product Drawings

CT CRIMP REC HSG 6P NATURAL

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_175778-6_D1.2d_dxf.zip

English

Customer View Model

ENG_CVM_175778-6_D1.3d_igs.zip

English

Customer View Model

ENG_CVM_175778-6_D1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications



Application Specification

English

Crimping AMP 2.0mm Pitch CT Receptacle Contact

English

Agency Approvals

CSA Certificate

English