

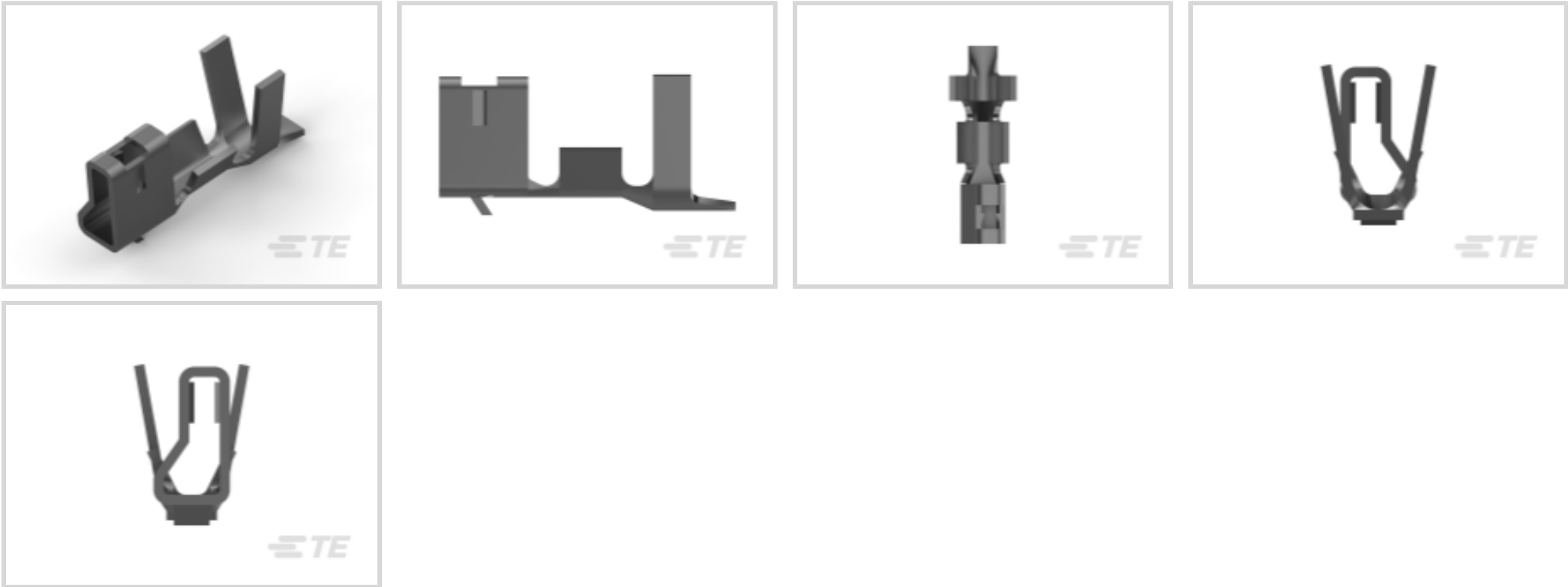


AMP CT

TE Internal #: 179609-1
AMP CT, Connector Contact, Socket, Wire-to-Wire / Wire-to-Board,
30 – 26AWG Wire Size, .05 – .15mm² Wire Size, Pre-Tin, Strip, Wire
& Cable

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Contacts > AMP COMMON TERMINATION CONTACTS



Contact Type: **Socket**
Connector System: **Wire-to-Board, Wire-to-Wire**
Wire Size: **.05 – .15 mm²**
Contact Mating Area Plating Material: **Pre-Tin**

All AMP COMMON TERMINATION CONTACTS (7)

Features

Product Type Features

Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Compatible With Wire & Cable Type	Discrete Wire
-----------------------------------	---------------

Electrical Characteristics

Insulation Resistance	1000 MΩ
Operating Voltage	125 VAC

Contact Features

Mating Pin Diameter	.6 mm[.023 in]
Wire Contact Termination Area Plating Material Thickness	.8 μm
Wire Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material Thickness	.8 μm



Contact Shape & Form	Rectangular
Contact Base Material	Phosphor Bronze
Contact Type	Socket
Contact Mating Area Plating Material	Pre-Tin
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Wire Insulation Support	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Dimensions

Accepts Wire Insulation Diameter Range	.65 – 1.35 mm [.026 – .053 in]
Wire Size	.05 – .15 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Signal
---------------------	--------

Packaging Features

Packaging Quantity	10000
Packaging Method	Strip

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free



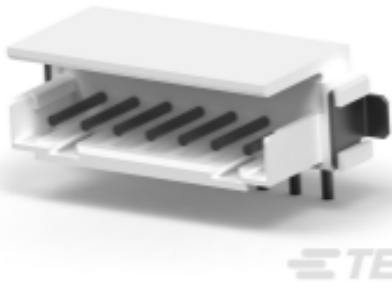
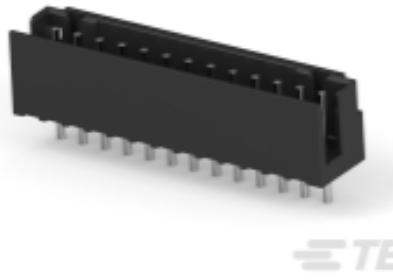
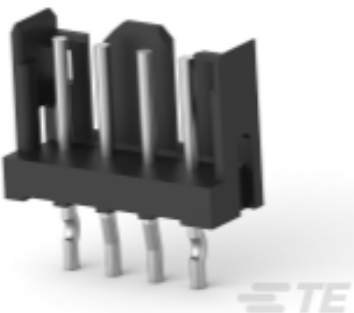
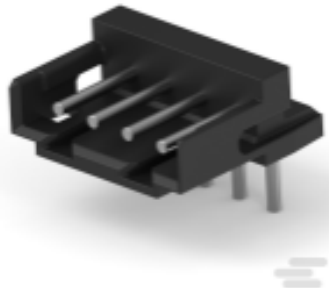
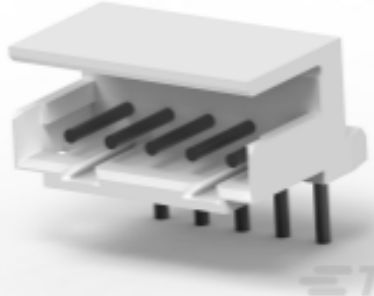
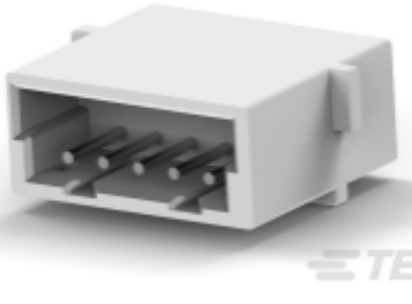
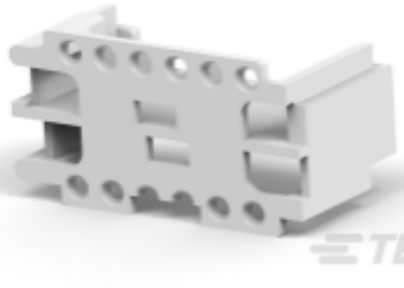
Solder Process Capability

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>

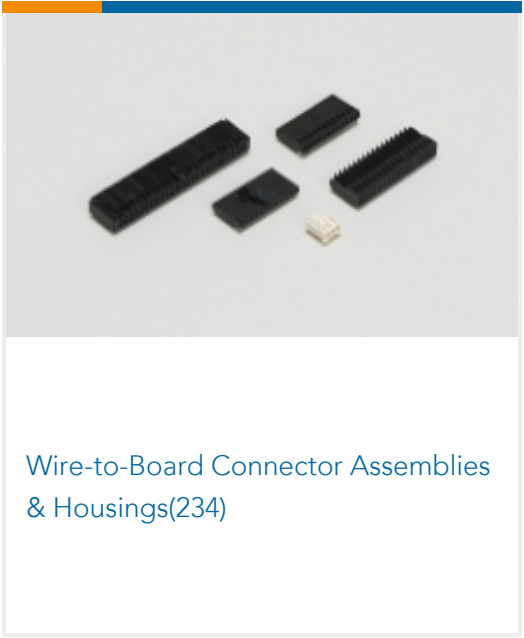
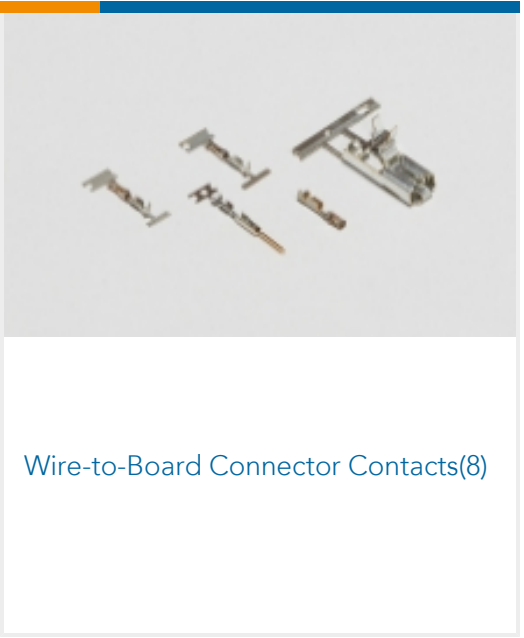
Compatible Parts

 TE Part # CAT-AM7017-H342 AMP COMMON TERMINATION HEADERS	 TE Part # CAT-3984552-BHTHVS CT Box Header SMT: Vert, Shrouded	 TE Part # CAT-3983178-PHBXVD CT 2mm Post Header Asmbly: Box V DIP	 TE Part # CAT-3984552-PHITPS CT Post Header Assembly: Part. Shrouded
 TE Part # CAT-3980408-PHDWKV CT 2mm Post Header Assy w/Kink - Vert.	 TE Part # CAT-3980408-PHDBXV CT 2mm Post Header Assembly: Box-V	 TE Part # CAT-3980407-RHDRRA CT 2mm Header Assembly: Right Angle	 TE Part # CAT-3983174-PHBXHK CT 2mm Post Header Assembly Box H Kink
 TE Part # CAT-AM7017-H8172 AMP COMMON TERMINATION HOUSINGS	 TE Part # CAT-3980655-RHAFH CT Relay Header Assembly: Free Hanging	 TE Part # CAT-3980655-RHAWP CT Relay Header Assembly: Wire-to-Panel	 TE Part # 1-179472-2 HOLDER FOR CT D/ROW CRIMP 12P

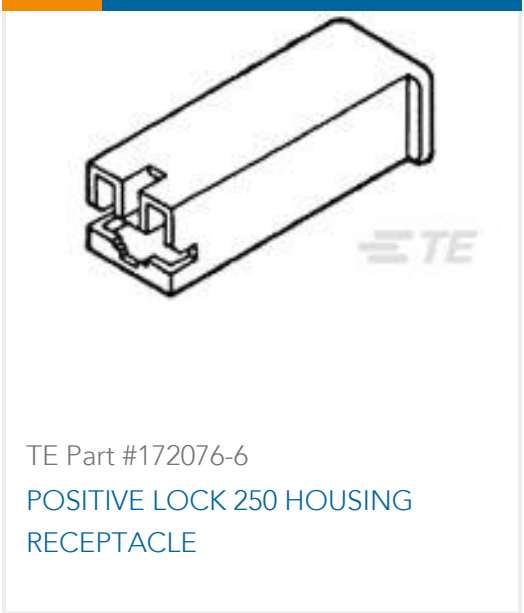


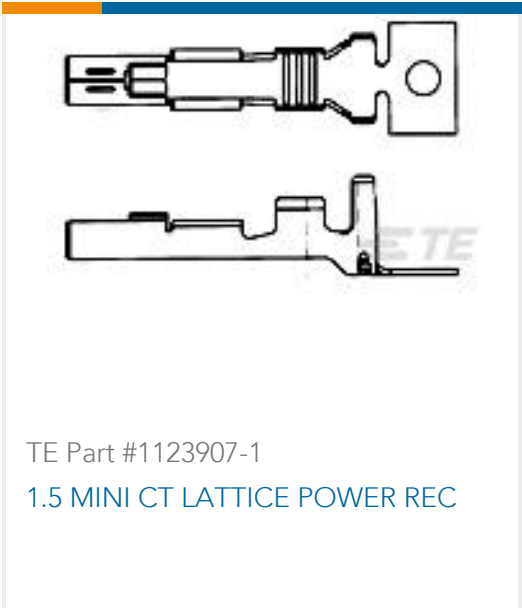
 TE Part # 2-179472-6 CT DBL ROW HOLDER,CRIMP,26P,NA	 TE Part # 3-179472-0 CT DBL ROW HOLDER,CRIMP,30P,NA	 TE Part # 1-179472-6 CT DBL ROW HOLDER,CRIMP,16P,NA	 TE Part # 1-179472-8 CT DBL ROW HOLDER,CRIMP,18P,NA
 TE Part # 2-179472-0 CT DBL ROW HOLDER,CRIMP,20P,NA	 TE Part # 179472-8 HOLDER FOR CT DBL ROW CRIMP 8P	 TE Part # 2-179472-2 CT DBL ROW HOLDER,CRIMP,22P,NA	 TE Part # 2-179472-4 CT DBL ROW HOLDER,CRIMP,24P,NA

Also in the Series | AMP CT

 PCB Connector Mounting(46)	 Wire-to-Board Connector Assemblies & Housings(234)	 Wire-to-Board Connector Contacts(8)	 Wire-to-Board Headers & Receptacles (760)
---	--	--	--

Customers Also Bought

 TE Part #91572-1 CCII TYPE II REC 26-22 ASSY	 TE Part #172076-6 POSITIVE LOCK 250 HOUSING RECEPTACLE	 TE Part #170262-2 EIS CONTACT	 TE Part #172074-1 187 HSG. PLMKII REC. NAT
 TE Part #170361-1 UNIV M-N-L SOC. 26-22 AWG	 TE Part #170359-1 UNIV M-N-L PIN 26-22 AWG	 TE Part #170183-2 250 FASTON,REC.,22-18 AWG,TPBR	 TE Part #177899-4 STD Temp Power Double Lock Plug



Documents

Product Drawings

AMP CT CRIMP TTYPE-2 REC CONT.

English

CAD Files

Customer View Model

ENG_CVM_179609-1_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_179609-1_B1.3d_stp.zip

English

Customer View Model

ENG_CVM_179609-1_B1.2d_dxf.zip

English

3D PDF

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

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

Product Specifications

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

English

Application Specification

English

Product Environmental Compliance

MD_179609-1_070220182320_dmtec

English

MD_179609-1_070220182320_dmtec

English

