

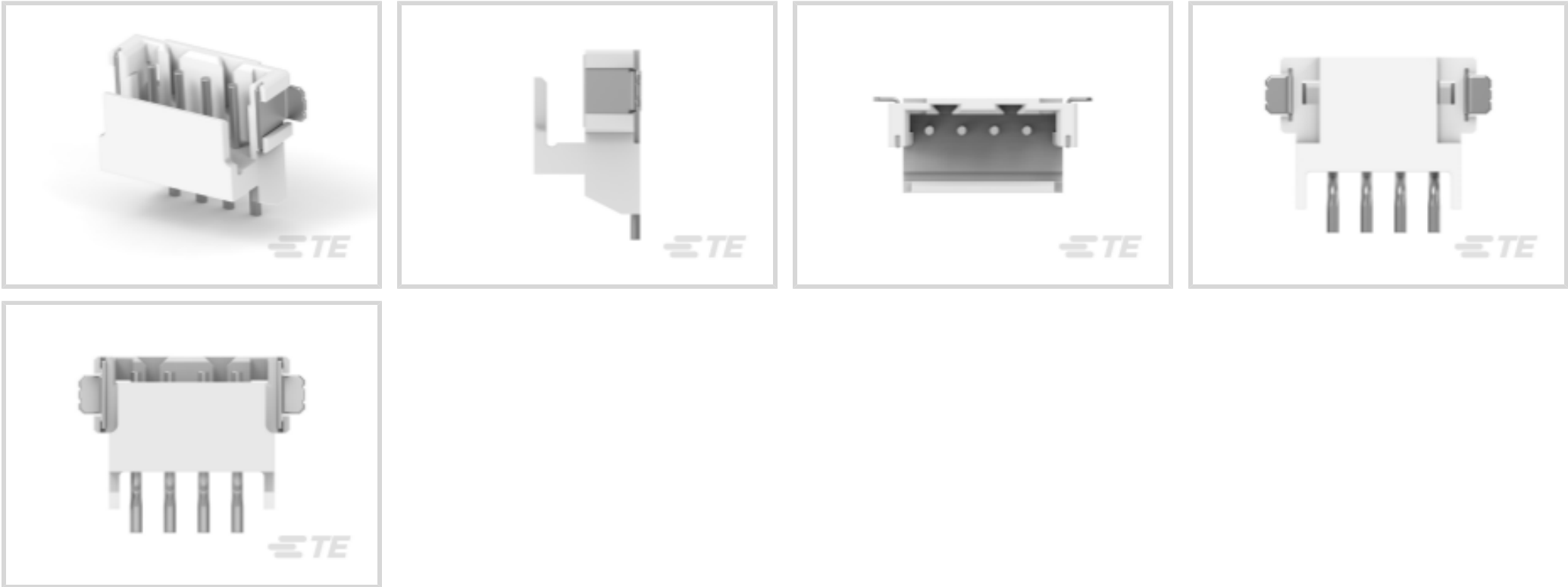


AMP CT

TE Internal #: 3-292173-4
PCB Mount Header, Horizontal, Wire-to-Board, 4 Position, 2mm [.078in] Centerline, 1 Row, Tin, Natural Housing Color, Partially Shrouded

[View on TE.com >](#)

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles > AMP COMMON TERMINATION HEADERS



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Horizontal**
Connector System: **Wire-to-Board**
Number of Positions: **4**
Centerline (Pitch): **2 mm [.078 in]**

[All AMP COMMON TERMINATION HEADERS \(248\)](#)

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Columns	4
Number of Loaded Positions	4
PCB Mount Orientation	Horizontal
Number of Positions	4
Number of Rows	1

Electrical Characteristics

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Operating Voltage	125 VAC
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Contact Features

Contact Layout	Inline
Contact Mating Area Length	4.2 mm[.165 in]
Contact Retention Within Housing	With
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Mating Pin Diameter	.6 mm[.024 in]
Contact Shape & Form	Round
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Type	Post
Contact Current Rating (Max)	4 A

Termination Features

Round Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Alignment Type	Backwall Interruptions Between Posts
Mating Alignment	With
Contact Retention Type Within Housing	Locking Lance
Panel Mount Feature	With
PCB Mount Alignment	Without
Mating Retention	Without
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	2 mm[.078 in]
Housing Color	Natural
Housing Material	6T PA(GF)

Dimensions

Connector Length	9.8 mm[.385 in]
Connector Height	5.8 mm[.228 in]



Connector Width	9 mm[.354 in]
PCB Thickness (Recommended)	.8 mm[.031 in]
Wire Size	28 – 22 AWG

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 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	2000
Packaging Method	Tape

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	Reflow solder capable to 245°C

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-C7671
AMP COMMON TERMINATION CONTACTS

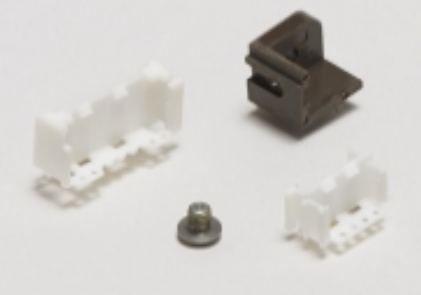


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION HOUSINGS

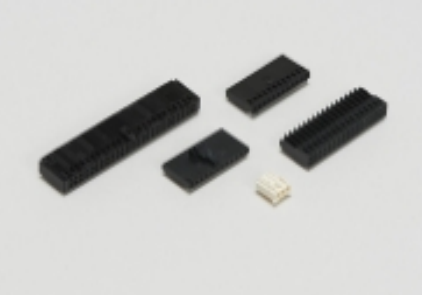


TE Part # 1-353293-3
MINI CT MT REC ASSY 13P GRAY

Also in the Series | AMP CT



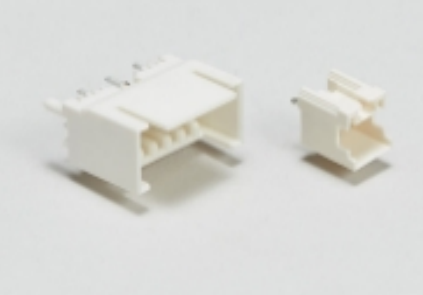
PCB Connector Mounting(46)



Wire-to-Board Connector Assemblies & Housings(234)

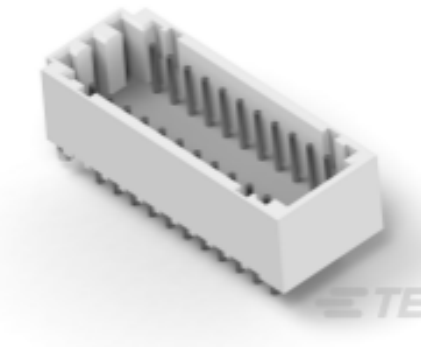


Wire-to-Board Connector Contacts(8)



Wire-to-Board Headers & Receptacles (760)

Customers Also Bought



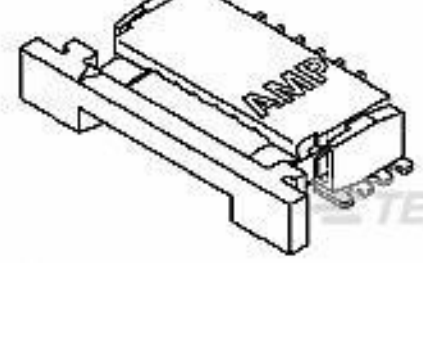
TE Part #1-292141-8
CT 2mm Dbl Row Assembly w/Boss: Vert.



TE Part #179228-4
AMP COMMON TERMINATION HOUSINGS



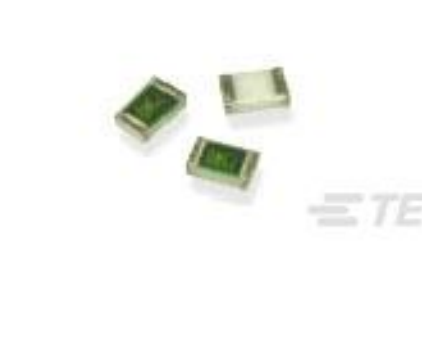
TE Part #1742198-1
250 FASTON,REC.,18-14 AWG,NPST



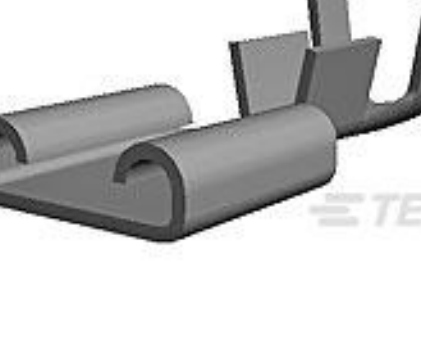
TE Part #84952-8
1MM FPC HORZ.BTTM CONT.ASS.8P



TE Part #1-1879336-6
CPF 0603 332R 1% 50PPM 1K RL



TE Part #1-1879134-0
RN 0603 12K1 0.1% 10PPM 1K RL



TE Part #160807-2
250 FASTON,REC.,20-16 AWG,BR



TE Part #1676664-2
RN 0805 19R6 0.1% 10PPM 1K RL



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-292173-4_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-292173-4_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-292173-4_B1.3d_stp.zip

English

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

Datasheets & Catalog Pages

2.0MM_AMP_CT_CONNECTOR_SERIES_QUICK_REF_GUIDE

English

Product Specifications

Product Specification

English

AMP COMMON TERMINATION (CT), CONNECTOR, 2mm PITCH, M/T TYPE, LEAD FREE VERSION

Japanese

Product Specification

Japanese

Product Environmental Compliance

MD_3-292173-4_03282011622

English

MD_3-292173-4_03282011622

English

Agency Approvals

CSA Certificate

English

3-292173-4

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