

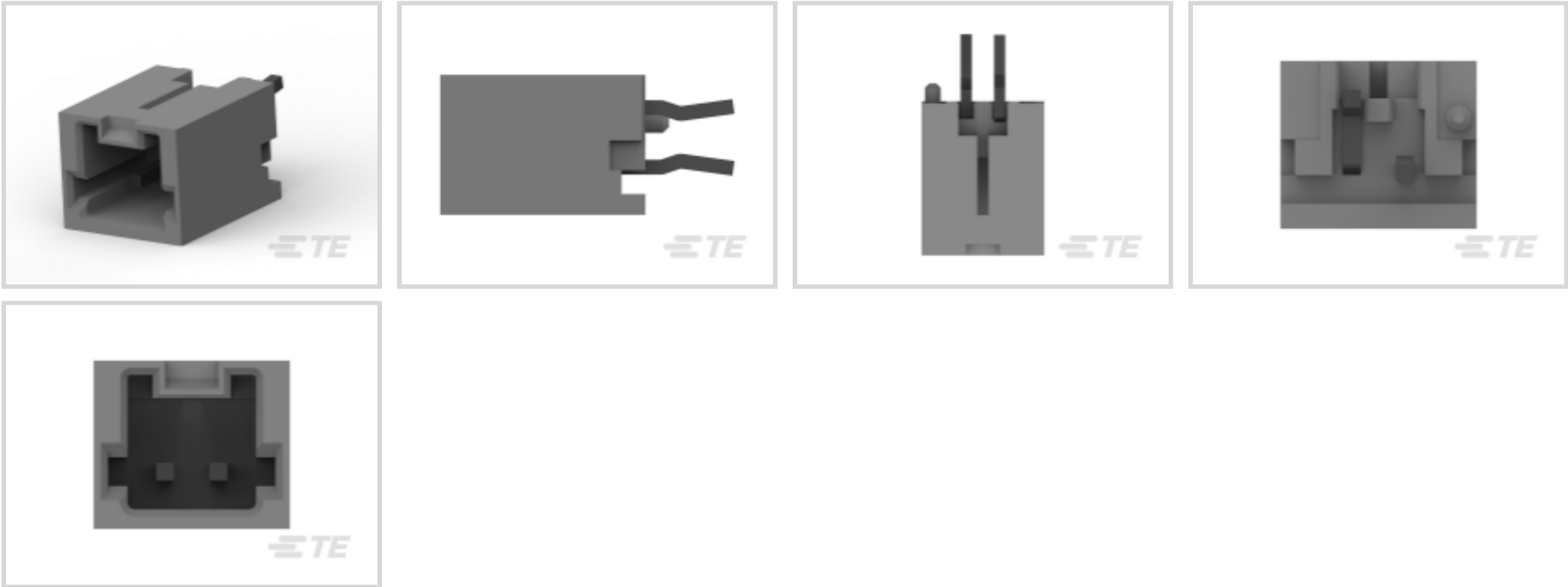


AMP Mini CT

TE Internal #: 292207-2
AMP Mini CT, PCB Mount Header, Vertical, Wire-to-Board, 2
Position, 1.5mm [.059in] Centerline, 1 Row, Tin, Natural Housing
Color, Fully Shrouded

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



PCB Connector Assembly Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **2**
Centerline (Pitch): **1.5 mm [.059 in]**

[All MINI COMMON TERMINATION HEADERS \(341\)](#)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

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Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Mating Square Post Dimension	.5 mm[.02 in]
Contact Retention Within Housing	Without
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 µm[39.37 µin]
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Square Termination Post & Tail Dimension	.5 mm[.02 in]
Termination Post & Tail Length	3 mm[.118 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
Panel Mount Feature	With
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment	With
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	1.5 mm[.059 in]
Housing Color	Natural
Housing Material	Nylon(G.F)

Dimensions

Connector Length	5.5 mm[.216 in]
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Connector Height	8.4 mm[.33 in]
Connector Width	4.7 mm[.185 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

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

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0
Agency/Standard	UL
Agency/Standard Number	CSA, UL
CSA File Number	LR 7189-133
UL File Number	E28476

Packaging Features

Packaging Quantity	2750
Packaging Method	Box & Tray

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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

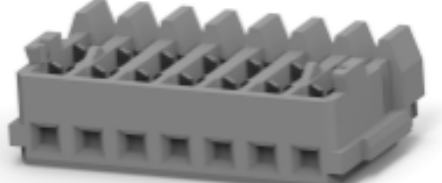
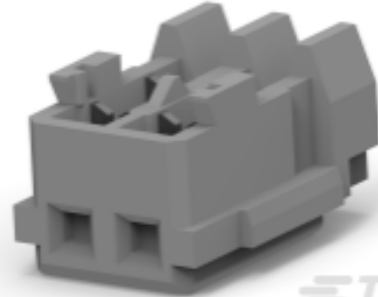
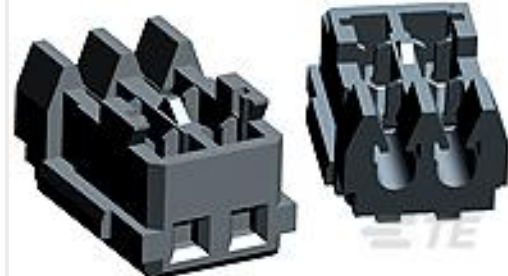
Product Compliance Disclaimer

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

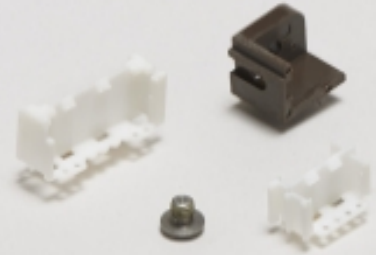


chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may 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-H8172 AMP COMMON TERMINATION HOUSINGS	 TE Part # CAT-AM7053-H8172 Mini Common Termination (CT) Housings	 TE Part # 2058943-1 Cable Assembly Mini CT 2 pos.	 TE Part # 353293-2 MINI CT MT REC ASSY 2P GRAY
 TE Part # CAT-AM7053-C7671 MINI COMMON TERMINATION CONTACTS	 TE Part # 5-353293-2 MINI CT MT REC ASSY 2P BLUE	 TE Part # 1-2058943-2 Cable Assembly Mini CT, 80.0MM Length	 TE Part # 2058943-6 Cable Assy, Mini CT 2 pos., 24 in Length

Also in the Series | AMP Mini CT

 PCB Connector Mounting(10)	 Wire-to-Board Connector Assemblies & Housings(172)	 Wire-to-Board Connector Contacts(4)	 Wire-to-Board Headers & Receptacles (332)
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Customers Also Bought





TE Part #2-292141-0
CT 2mm Dbl Row Assembly w/Boss:
Vert.



TE Part #1-292207-5
MINI COMMON TERMINATION
HEADERS



TE Part #2-1734592-0
0.5mm FPC Connectors



TE Part #2-292206-7
MINI CT SGL DIP H 7P BLACK



TE Part #2-292206-9
MINI CT SGL DIP H 9P BLACK



TE Part #1437575-1
MLL1200S=SPDT RA SMT SLIDE



TE Part #8-292131-8
SGL HDR ASSY BOX DIP V POLARIS

Documents

Product Drawings

MINI CT SGL DIP V 2P NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292207-2_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_292207-2_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292207-2_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

6-1773454-5_AMP_Mini_CT_Connector_Series_QRG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_292207-2_01122017511_dmtec



English

[MD_292207-2_01122017511_dmtec](#)

English

Agency Approvals

[UL](#)

English