

AMP Mini CT

TE Internal #: 1-292206-3

PCB Mount Header, Right Angle, Wire-to-Board, 13 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles > MINI COMMON TERMINATION HEADERS



Connector System: **Wire-to-Board**
Number of Positions: **13**
Number of Rows: **1**
Centerline (Pitch): **1.5 mm [.059 in]**
PCB Mount Orientation: **Right Angle**

[All MINI COMMON TERMINATION HEADERS \(39\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	13
Number of Rows	1
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	2.4 mm[.095 in]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	1 - 2 µm[39.37 - 78.73 µin]
Contact Layout	Staggered
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
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

Mating Alignment Type	Polarization
Mating Retention	With
Panel Mount Feature	With
PCB Mount Retention Type	Kinked Legs
Connector Mounting Type	Board Mount
Mating Alignment	With
PCB Mount Alignment	With
PCB Mount Retention	With

Housing Features

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

Dimensions

Connector Length	22 mm[.866 in]
Connector Height	8.45 mm[.332 in]
Connector Width	4.9 mm[.192 in]



PCB Thickness (Recommended)	1.6 mm[.063 in]
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Usage Conditions

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

Assembly Process Feature	Pick and Place Cover
Circuit Application	Signal

Industry Standards

Compatible With Agency/Standards Products	CSA, UL
Compatible With Approved Standards Products	CSA LR7189, UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	650
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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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

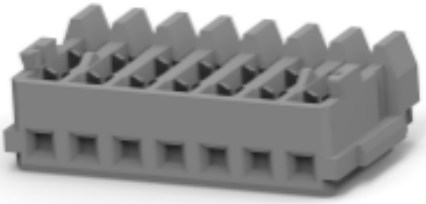
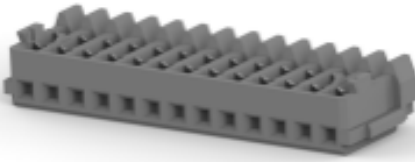
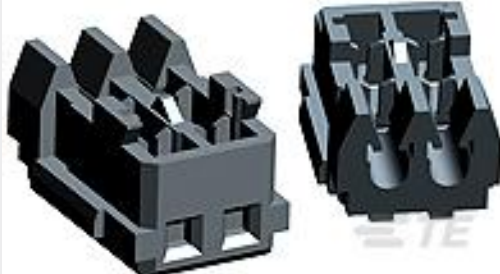
Product Compliance Disclaimer

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

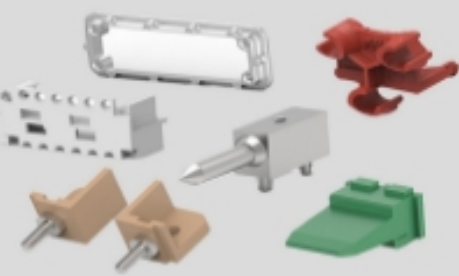
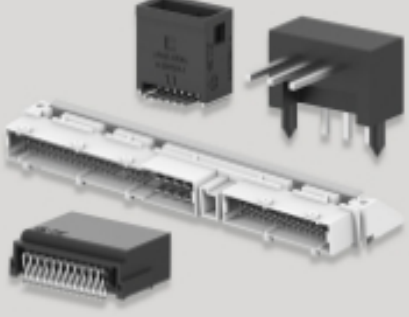


on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

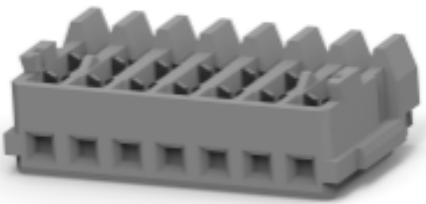
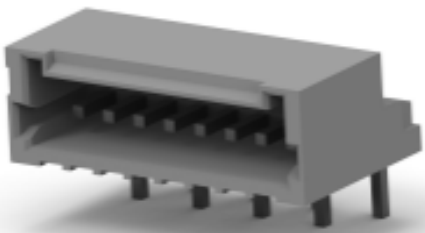
Compatible Parts

 TE Part # CAT-AM7053-H8172 Mini Common Termination (CT) Housings	 TE Part # CAT-AM7053-C7671 Mini Common Termination Contacts	 TE Part # 1-353293-3 MINI CT MT REC ASSY 13P GRAY	 TE Part # 6-353293-3 MINI CT MT REC ASSY 13P BLUR
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Also in the Series | AMP Mini CT

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

 TE Part # 353908-5 Mini Common Termination (CT) Housings	 TE Part # 292206-5 MINI COMMON TERMINATION HEADERS	 TE Part # 353907-1 CT 1.5MM REC CONT CRIMP TYPE	 TE Part # 1-292207-3 MINI CT SGL DIP V 13P NAT
 TE Part # 1-292207-7 MINI CT SGL DIP V 17P NAT	 TE Part # 292207-3 MINI CT SGL DIP V 3P NAT	 TE Part # 292207-9 MINI CT SGL DIP V 9P NAT	 TE Part # 1062-16-0622 SOC, SF, SIZE 16, 16-20, NI/SN

Documents

Product Drawings



MINI CT SGL DIP H 13P NAT

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292206-3_E1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292206-3_E1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-292206-3_E1.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Agency Approvals

UL

English