

AMP Mini CT

TE Internal #: 292272-5
PCB Mount Header, Vertical, Wire-to-Board, 5 Position, 1.5 mm [.059 in] Centerline, Fully Shrouded, Gold (Au), Through Hole - Solder, AMP Mini CT

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **5**
Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Plating Material Thickness	.38 µm[15 µin]
Mating Square Post Dimension	.5 mm[.02 in]
PCB Contact Termination Area Plating Material Thickness	.381 µm[15 µin]



Contact Shape & Form	Square
Contact Layout	Staggered
Contact Mating Area Length	2.4 mm[.095 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Gold
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

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

Mechanical Attachment

Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Alignment Type	Locating Posts
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Connector Width	4.7 mm[.185 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	6.9 mm[.272 in]
Connector Length	10 mm[.393 in]

Usage Conditions

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

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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	850
Packaging Method	Box

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	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 # 353293-5
MINI CT MT REC ASSY 5P GRAY

TE Part # 353908-5
CT REC HSG 5P CRIMP TYPE WHITE

TE Part # 353918-1
CT 1.5MM REC CONT CRIMP TYPE

Also in the Series | AMP Mini CT

Connector Contacts(4)

Connector Hardware(10)

PCB Headers & Receptacles(332)

Wire-to-Board Connector Assemblies & Housings(172)

Wire-to-Board Headers & Receptacles (332)

Customers Also Bought

TE Part #1717284-1
RTD CONNECTOR PLUG CABLE ASSY

TE Part #1717284-3
RTD CONNECTOR PLUG CABLE ASSY

TE Part #1717284-2
RTD CONNECTOR PLUG CABLE ASSY

TE Part #1827984-2
RTD CONNECTOR PLUG CABLE ASSY

Documents

Product Drawings
S/R POST HDR ASSY V DIP AU-PL. 5P GRAY
English

CAD Files
3D PDF
3D



Customer View Model

[ENG_CVM_CVM_292272-5_C1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292272-5_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292272-5_C1.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English