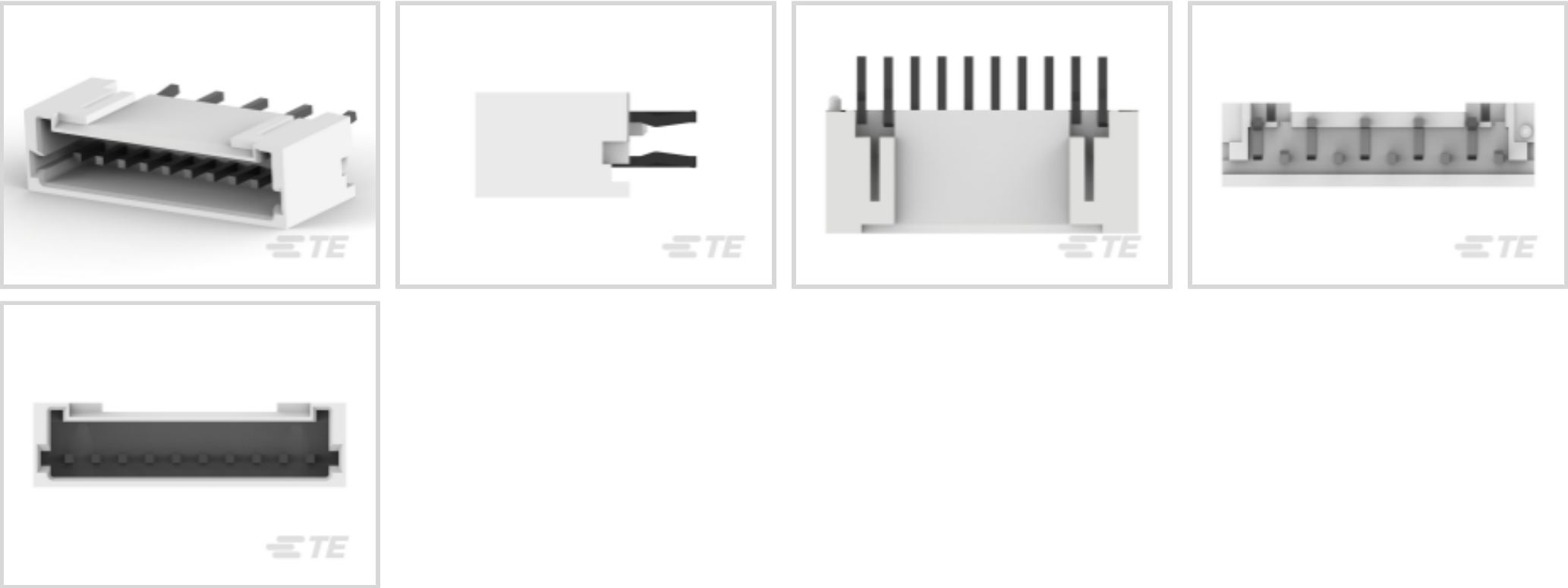




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Wire-to-Board**

Number of Positions: **10**

Centerline (Pitch): **1.5 mm [.059 in]**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Fully Shrouded
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	10
Number of Rows	1

Electrical Characteristics

Operating Voltage	50 VAC
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Contact Features

Mating Square Post Dimension	.5 mm[.02 in]
Contact Retention Within Housing	Without
Contact Mating Area Plating Material	Tin
	39.37 µin



Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

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

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Alignment	With
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	Black
Housing Material	Nylon(G.F)

Dimensions

Connector Length	17.5 mm
Connector Height	8.4 mm[.33 in]
Connector Width	4.7 mm[.185 in]

Usage Conditions

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

Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Box & Tray
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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-AM7053-H8172
Mini Common Termination (CT)
Housings



TE Part # CAT-AM7053-C7671
MINI COMMON TERMINATION
CONTACTS



TE Part # 3-353293-0
1.5MM CT MT REC ASSY 10P BLACK

Customers Also Bought



TE Part #1-292207-8
MINI COMMON TERMINATION
HEADERS



TE Part #2-292207-8
MINI CT SGL DIP V 8P BLACK



TE Part #2-292207-4
MINI CT SGL DIP V 4P BLACK



TE Part #2-292207-5
MINI CT SGL DIP V 5P BLACK





TE Part #84727-1
MINI COMMON TERMINATION CONTACTS



TE Part #1981378-1
HYBRID MINI DRAWER



TE Part #1981379-1
HYBRID MINI DRAWER



TE Part #2-292206-5
MINI CT SGL DIP H 5P BLACK



TE Part #2-292207-7
MINI CT SGL DIP V 7P BLACK

Documents

Product Drawings

MINI CT SGL DIP V 10P BLACK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-292207-0_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_3-292207-0_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-292207-0_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_3-292207-0_0810201838_dmtec



English

[MD_3-292207-0_0810201838_dmtec](#)

English

Agency Approvals

[UL](#)

English