



Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Post Header Asmbly: Box V DIP



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Vertical**
Connector System: **Wire-to-Board**
Number of Positions: **5**
Centerline (Pitch): **2 mm [.079 in]**
[All CT 2mm Post Header Asmbly: Box V DIP \(81\)](#)

Features

Product Type Features

PCB Connector Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially 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	125 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

Mating Pin Diameter	.6 mm[.024 in]
PCB Contact Termination Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Shape & Form	Round
Contact Layout	Inline
Contact Mating Area Length	4.5 mm[.177 in]
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	1 – 2 µm[39.37 – 78.73 µin]
Contact Type	Pin
Contact Current Rating (Max)	4 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.2 mm[.126 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	2 mm[.079 in]
Housing Material	Nylon 66

Dimensions

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Connector Width	3.6 mm[.141 in]
PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
Connector Height	6.8 mm[.267 in]
Connector Length	11.8 mm[.465 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Assembly Process Feature	Pick and Place Cover
Circuit Application	Power & 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	1000
Packaging Method	Bag, 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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°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 # 2405869-5
CT 5P 300MM CABLE ASSEMBLY 2-179228-5

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

TE Part # CAT-AM7017-C7671
Common Termination Contacts — POWER TRIPLE LOCK

Also in the Series | AMP CT

Connector Contacts(8)

Connector Hardware(39)

PCB Headers & Receptacles(739)

Rectangular Connector Housings(74)

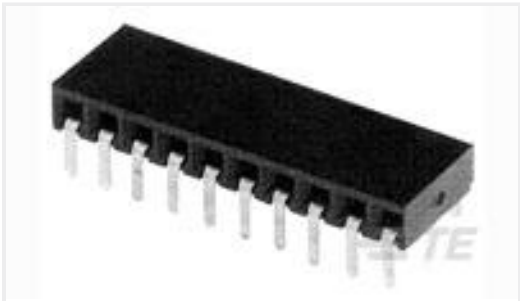
Rectangular Power Connectors(883)

Standard Rectangular Connectors(228)

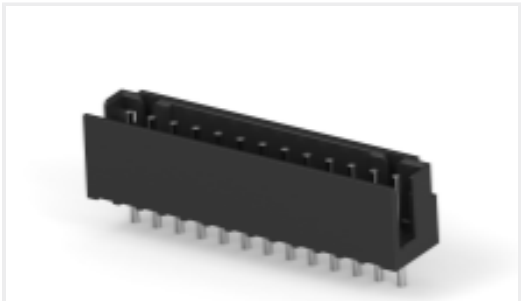
Wire-to-Board Connector Assemblies & Housings(165)

Wire-to-Board Headers & Receptacles (739)

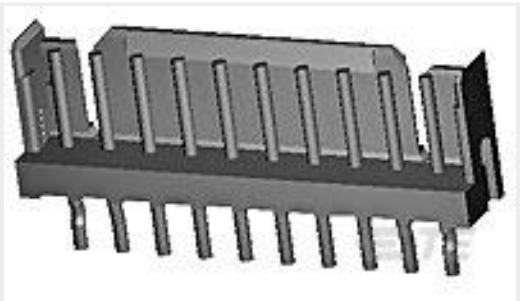
Customers Also Bought



TE Part #216602-2
2P HV190 FEDERLEIS



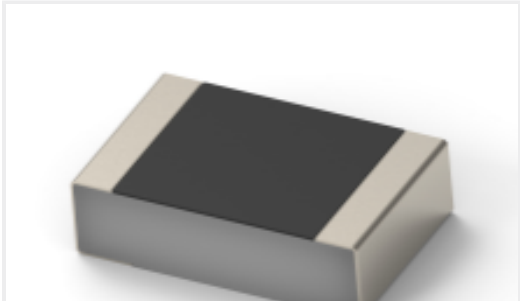
TE Part #CAT-3983178-PHBXVD
CT 2mm Post Header Asmbly: Box V
DIP



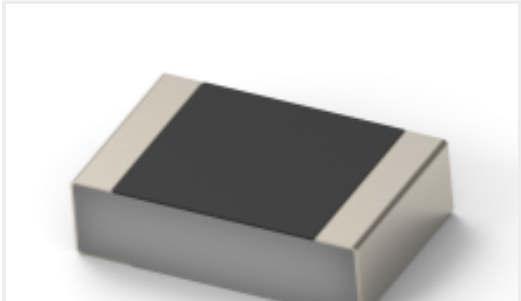
TE Part #1-292161-0
CT P/HDR ASSY V 10P W/KINK NAT



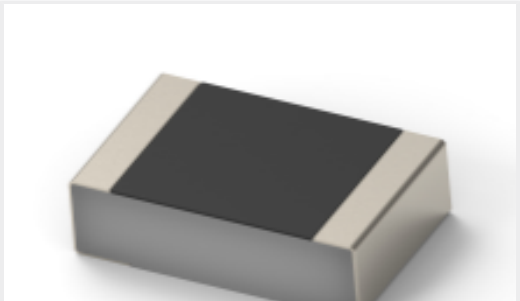
TE Part #CAT-3980407-RHDDRRA
CT 2mm Header Assembly: Right
Angle



TE Part #6-2176452-6
CPF 0201 2K55 0.1% 25ppm 1K RL



TE Part #8-2176452-9
CPF 0201 4K42 0.1% 25ppm 1K RL



TE Part #7-2176453-3
CPF 0201 32K4 0.1% 25ppm 1K RL



TE Part #2423991-1
Conn G SSA 38999 S1,2 Shell 9 & 10

Documents

Product Drawings

CT P/HDR ASSY V 5P W/KINK NAT

English

CAD Files

Customer View Model

ENG_CVM_CVM_292161-5_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_292161-5_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_292161-5_A.3d_stp.zip

English

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

Product Specifications

Workmanship Specification

English