

AMP CT

TE Internal #: 2-292138-4

PCB Mount Header, Right Angle, Wire-to-Board, 24 Position, 2 mm
[.079 in] Centerline, Fully Shrouded, Tin (Sn), Through Hole - Solder,
AMP CT

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Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Dbl Row Assembly: Horizontal



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **24**

Number of Rows: **2**

[All CT 2mm Dbl Row Assembly: Horizontal \(9\)](#)

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	Right Angle
Number of Positions	24
Number of Rows	2

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 µm[39.37 µin]
Contact Shape & Form	Round, Rounded
Contact Layout	Inline
Contact Mating Area Length	4.7 mm[.185 in]
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Bright
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	4 A

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

Mating Retention	Without
Mating Alignment Type	Polarization
PCB Mount Retention Type	Boardlock
PCB Mount Retention	With
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions

Row-to-Row Spacing	6.5 mm[.256 in]
Connector Width	11.1 mm[.437 in]



PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	11 mm[.433 in]
Connector Length	29.9 mm[1.177 in]

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	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	150
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 2025 (247) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 2-175133-4
CT DOUBLE ROW 24P HOLDER
NATU.

TE Part # 2-179472-4
CT DBL ROW HOLDER,CRIMP,24P,NA

TE Part # 2-179608-4
CT DBL ROW HOLDER,MT,24P,NA

Also in the Series | AMP CT

Connector Contacts(8)

Connector Hardware(46)

PCB Headers & Receptacles(756)

Rectangular Connector Housings(72)

Rectangular Power Connectors(906)

Standard Rectangular Connectors(158)

Wire-to-Board Connector Assemblies
& Housings(97)

Wire-to-Board Headers & Receptacles
(756)

Customers Also Bought

TE Part #3-292208-8
MINI CT D/R DIP 38P V NAT

TE Part #4-292208-0
MINI CT D/R DIP 40P V NAT

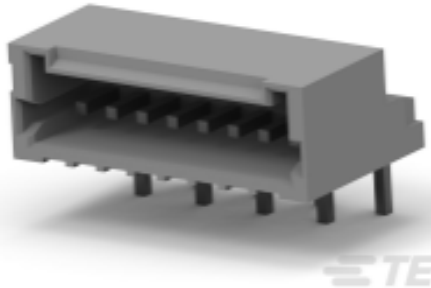
TE Part #292250-2
CT P/HDR BOX H ASSY 2P W/KINK

TE Part #2-292208-6
MINI CT D/R DIP 26P V NAT





TE Part #2-179608-4
[CT DBL ROW HOLDER,MT,24P,NA](#)



TE Part #CAT-AM7053-H342
[MINI COMMON TERMINATION HEADERS](#)



TE Part #292207-6
[MINI CT SGL DIP V 6P NAT](#)



TE Part #534998-4
[08 MODIV VRT DR CE 100/125](#)



TE Part #170284-1
[SPARK SUPPRESSER CONTACT TIN P](#)

Documents

Product Drawings

[CT DOUBLE ROW ASSY H 24P HDR N](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-292138-4_O.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-292138-4_O.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-292138-4_O.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

[Crimping of AMP 2.0mm Pitch, CT Crimp Typell Rec Contact](#)

English

[Application Specification](#)

English