

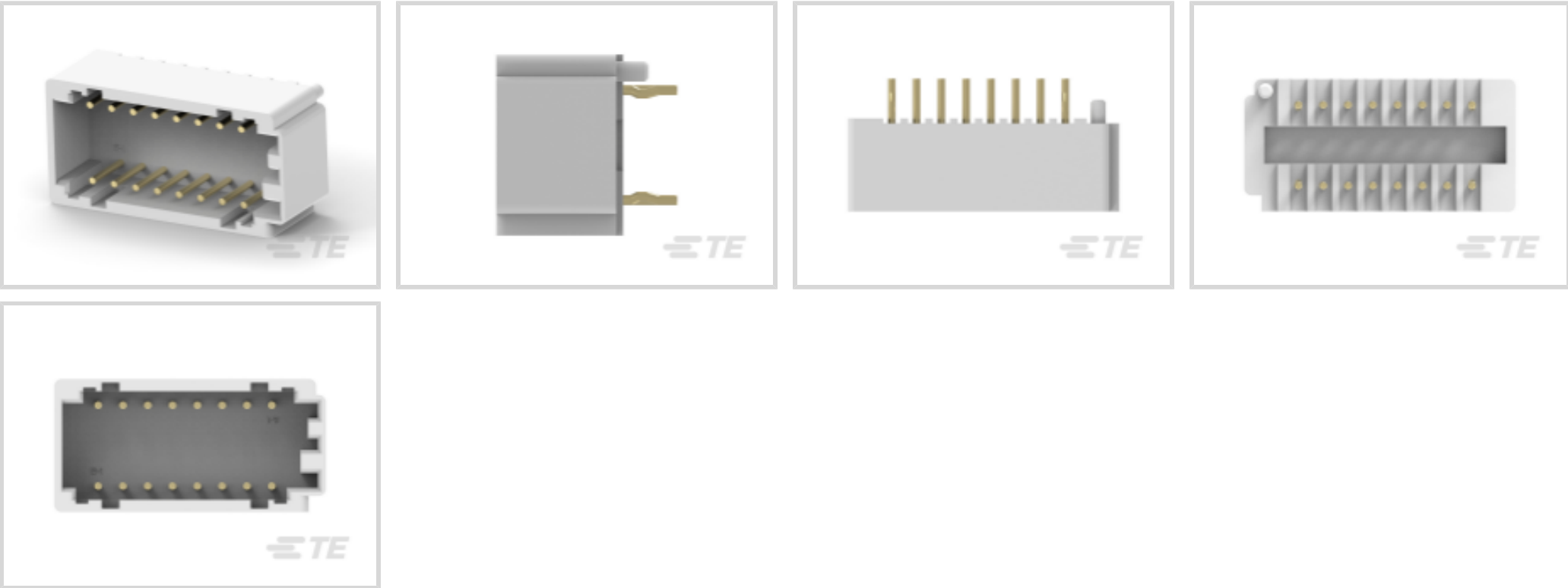


AMP CT

TE Internal #: 1-292252-6
PCB Mount Header, Vertical, Wire-to-Board, 16 Position, 2 mm [.079 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Power & Signal, AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**
Connector System: **Wire-to-Board**
Number of Positions: **16**
Number of Rows: **2**
Centerline (Pitch): **2 mm [.079 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	16
Number of Rows	2
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	125 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	4.7 mm[.185 in]
PCB Contact Termination Area Plating Material Thickness	1 µm[39.37 µin]
Contact Layout	Inline
Mating Pin Diameter	.6 mm[.024 in]
Contact Shape & Form	Round
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
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

PCB Mount Alignment Type	Locating Posts
Mating Alignment Type	Polarization
Mating Retention	Without
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
Centerline (Pitch)	2 mm[.079 in]

Dimensions

Connector Length	10.7 mm[.421 in]
Connector Height	7.5 mm[.295 in]
Connector Width	21.9 mm[.862 in]



PCB Thickness (Recommended)	1.6 mm[.063 in]
Row-to-Row Spacing	6.5 mm[.255 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	200
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: JUNE 2024 (241) 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 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 # 1-179472-6
CT DBL ROW HOLDER,CRIMP,16P,NA

TE Part # 1-179608-6
CT DBL ROW HOLDER,MT,16P,NA

TE Part # 1-175133-6
CT DOUBLE ROW 16P HOLDER NATU.

Also in the Series | AMP CT

Connector Contacts(8)

Connector Hardware(46)

PCB Headers & Receptacles(756)

Wire-to-Board Connector Assemblies & Housings(255)

Customers Also Bought

TE Part #1-292206-7
MINI CT SGL DIP H 17P NAT

TE Part #2-292250-2
CT 2mm Post Header Assembly Box H Kink

TE Part #2040805-1
1mm WIRE TO BOARD INTERNAL REC ASSY R/A

TE Part #1-1318126-2
V-HDR ASSY 12P FOR SEQUENTIAL

TE Part #5174216-1
AMPLIMITE.050 CAP ASS'Y (V) 30P PB-FREE

TE Part #2040809-1
1mm WIRE TO BOARD REC ASSY VERTICAL

TE Part #3-292206-5
MINI CT SGL DIP H 15P BLACK

TE Part #3-292206-7
MINI CT SGL DIP H 17P BLACK

Documents



Product Drawings

CT DOUBLE ROW ASSY V 16P HDR N

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-292252-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-292252-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-292252-6_A.3d_stp.zip

English

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

Product Specifications

AMP Common Termination(CT), Connector, 2mm Pitch, Crimp Type

English

Product Specification

English

Product Specification

English

CT DOUBLE ROW CONNECTOR, LEAD FREE VERSION

Japanese

Product Specification

Japanese