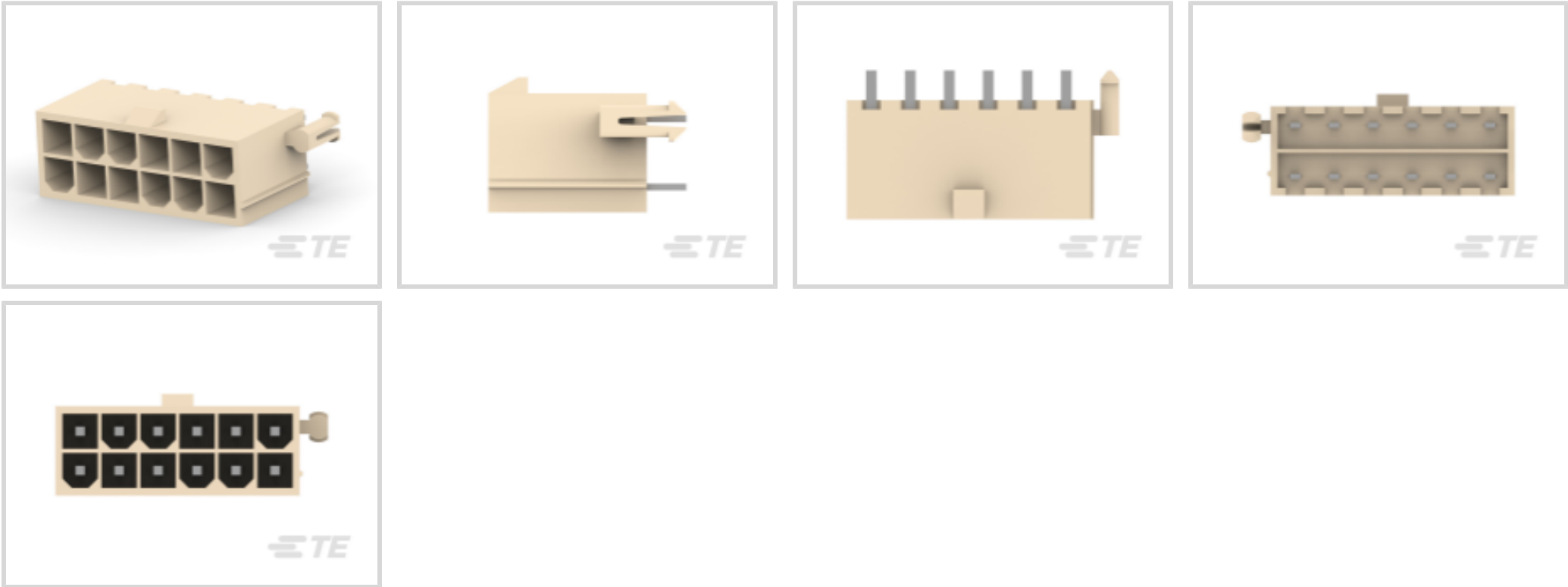




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **12**

Number of Rows: **2**

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Vertical
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Ivory
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm[50 μin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3.05 μm[120.07 μin]
Mating Tab Width	1.14 mm[.044 in]
PCB Contact Termination Area Plating Material Thickness	3.05 μm[120.07 μin]
Contact Layout	Matrix
Mating Tab Thickness	1.1 mm[.043 in]
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material	Tin (Sn)
Contact Type	Pin
Contact Current Rating (Max)	9 A

Termination Features

Rectangular Termination Post & Tail Width	1.14 mm[.044 in]
Rectangular Termination Post & Tail Thickness	.55 mm[.021 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PA 9T
Centerline (Pitch)	1.4 mm[.055 in]

Dimensions

Row-to-Row Spacing	4.2 mm[.165 in]
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Usage Conditions

Operating Temperature Range	-25 – 85 °C[-13 – 185 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	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 2025 (247) 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 # 1-1775099-3

ATX PWR CONN 1 BDLK 24 POS

Also in the Series | ATX Power

DVI Receptacles(3)

PCB Headers & Receptacles(32)

Rectangular Power Connectors(32)

Wire-to-Board Headers & Receptacles (32)

Customers Also Bought

TE Part #6469183-1

HMZD 3PR RA HDR 60P ASSY LF

TE Part #2-1462039-8

IM22TS=IM RELAY 50mW 4.5V

TE Part #4-1879354-7

RR03 5% 27R AMMO

TE Part #ANT-433-CW-HWR-SMA

Antenna 1/4 Wave Whip Swivel 433MHz SMA

TE Part #HD36-24-47SE-059

PLG,47P,AL,E, CBLCLMPBT,DRAIN,16 /20,S,MC

TE Part #3-1614351-3

RN 0603 1K0 0.1% 10PPM 1K RL

TE Part #7-520355-0

TRIOMATE ASY V20P L=3.810,LDFR

TE Part #CONSMA002-SMD-G

SMA Jack 50 Ohm PCB Surface Mount

TE Part #014374-E

VORCSI CRIMP HANDZANGE- LOSE KONTAKTE J

TE Part #471555-E

VORCSI ENTRIEGELUNGSWERKZ. CSI-KONT. J 3



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1775099-8_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1775099-8_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1775099-8_E.3d_stp.zip

English

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Product Specifications

Product Specification

English

Product Specification

English