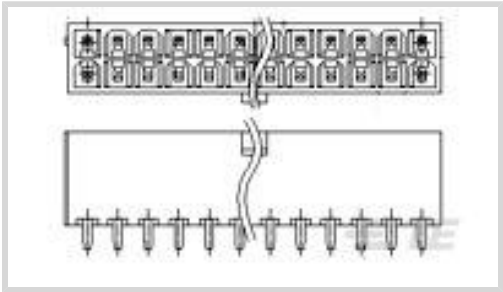




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **18**

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	18
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

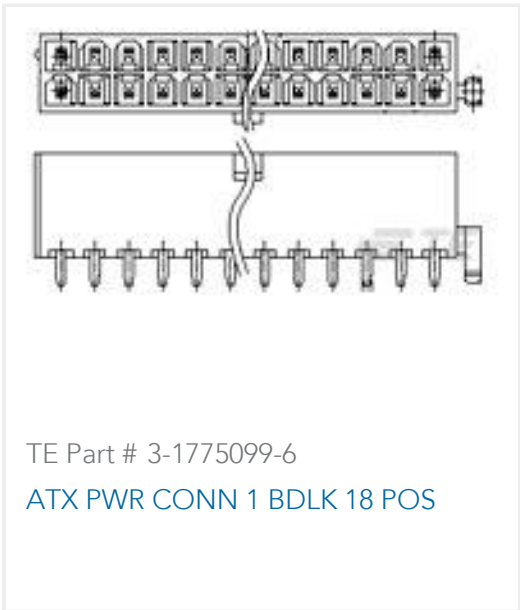
For compliance documentation, visit the product page on TE.com>

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: JAN 2025 (247) 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>

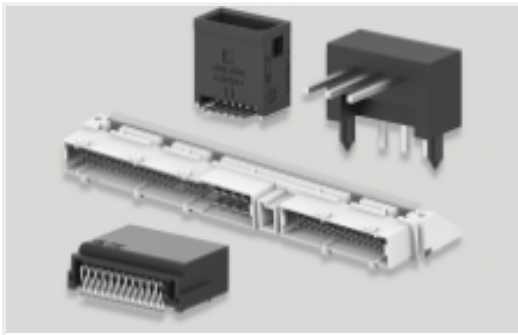
Compatible Parts



Also in the Series | ATX Power



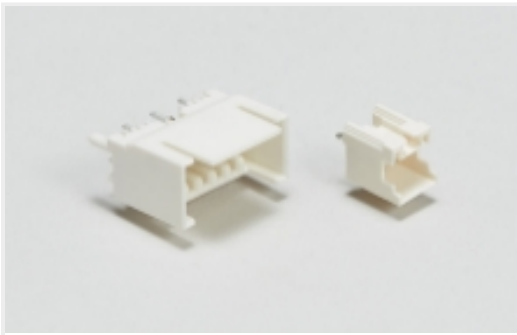
DVI Receptacles(3)



PCB Headers & Receptacles(32)



Rectangular Power Connectors(32)



Wire-to-Board Headers & Receptacles (32)

Customers Also Bought



TE Part #165085
PG WIRE PIN 12-10



TE Part #130014
TERM, R, PG, 22-16, M5



TE Part #787004-3
.8MM SCREWLOCK BRDMT,BULK



TE Part #160300
PLASTI-GRIP 12-10 RING M10



TE Part #32945
PG R 22-16 COMM 22-18 MIL 6



TE Part #34158
TERMINAL,PG R 16-14 6



TE Part #1SNK145011R0000
MC512PA 1->100 Horizontal



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #CQ50453001
RAY-101-6.0(10)

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1775099-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1775099-6_E.3d_igs.zip

4-1775099-6

PCB Mount Header, Vertical, Wire-to-Board, 18 Position, 1.4 mm [.055 in] Centerline, Tin (Sn), Through Hole - Solder, Power, Ivory, Tray, ATX Power



English

Customer View Model

[ENG_CVM_CVM_4-1775099-6_E.3d_stp.zip](#)

English

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

Product Specifications

[Product Specification](#)

English