1775099-8 ✔ ACTIVE

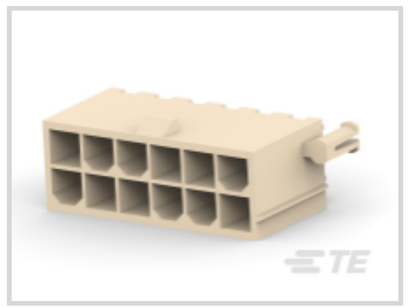
ATX Power

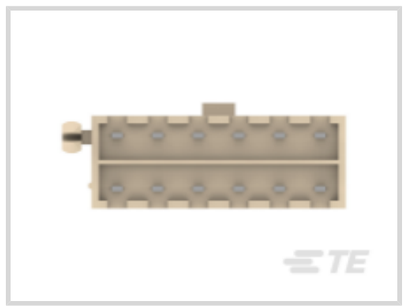
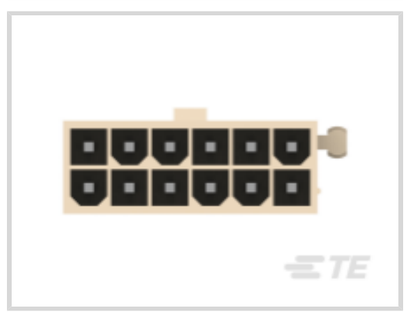
TE Internal #: 1775099-8

PCB Mount Header, Vertical, Wire-to-Board, 12 Position, 1.4 mm [. 055 in] Centerline, Tin, Through Hole - Solder, Power, Ivory, Tray, ATX Power

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: **12**

Number of Rows: **2**

Centerline (Pitch): **1.4 mm [.055 in]**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Ivory

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Product Compliance

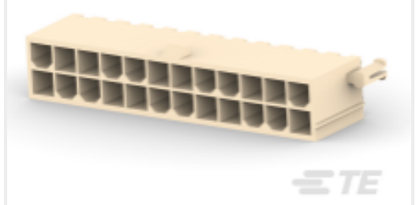
For compliance documentation, visit the product page on TE.com>

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	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

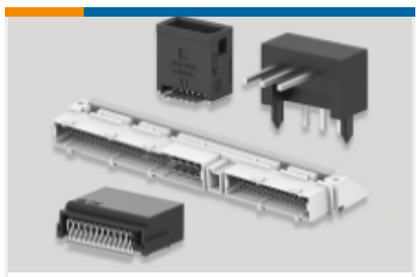


TE Part # 1-1775099-3
ATX PWR CONN 1 BDLK 24 POS

Also in the Series | ATX Power

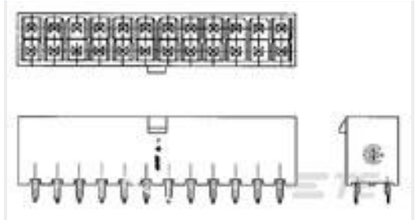


DVI Receptacles(3)



PCB Headers & Receptacles(32)

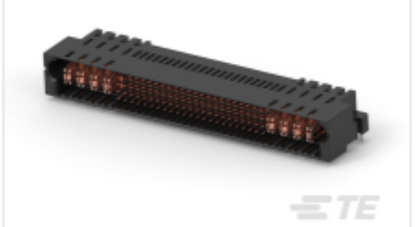
Customers Also Bought



TE Part #1-1586037-4
14P VERT HDR VAL-U-LOK V2



TE Part #2327678-3
RECEPTACLE ASSY, 84 P, VERT, SLIVER 2.0



TE Part #2-2204910-5
MBXLE R/A HEADER 4HDP + 92S + 4HDP

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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Product Specifications

Product Specification

English

Product Specification

English

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Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

RH73H2A40MKTN 936348-1 SBCHE64R7K TE50BR39J SMW73R0JT 1969656-1 2380312-2 CPF0402B37K4E1 2377783-2 ROX05SJ18R 917696-1 175977-2 2-292161-3 2310537-1 SBCHE154R7K 1743455-2 2834055-1 3430B2F51RTDF CRGCQ2010J3K3 MPT100C18RF 1-962915-1 1903112-2 U5254-000005-030PA 1-794222-0 1393431-1 141991-2 2005330-1 3-1393225-0 3631B101LL 650075-000