



Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **11**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Vertical
Number of Positions	11
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

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Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1 µm[39.37 µin]
PCB Contact Termination Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3 µm[120 µin]
Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	3 µm[120 µin]
Contact Shape & Form	Square
Contact Layout	Inline
Contact Mating Area Length	7.7 mm[.303 in]
Contact Base Material	Brass
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)	8 A

Termination Features

Termination Post & Tail Length	3.69 mm[.145 in]
Square Termination Post & Tail Dimension	1.14 mm[.045 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	Nylon
Centerline (Pitch)	3.96 mm[.156 in]



Dimensions

Connector Width	8.6 mm[.33 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	10.91 mm[.429 in]
	1.715 in

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	500
Packaging Method	Bag

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

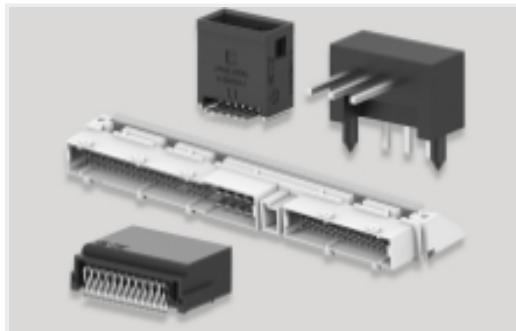


EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical 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

 TE Part # 3-1744524-0 EP 10P HDR NO3,5,7,9PINS V0GWT	 TE Part # 2-1744524-9 09P EP HDR NO 2,4,7 PIN V0 GWT	 TE Part # 1-1744544-1 EP II TPA 11P, BLACK	 TE Part # 2-1744524-6 EP 06P HEADER ASY NO 2 PIN
 TE Part # 1744524-9 09P EP HDR NO 7 PIN V0 GWT	 TE Part # 2-1744435-5 EP 05P V-HDR ASY NO 4 PIN	 TE Part # 4-1744524-6 EP 06P HEADER ASY NO 5 PIN	 TE Part # 1-1744524-9 09P EP HDR NO 2,4,6,8 PIN V0 GWT
 TE Part # 3-1744524-1 EP 11P HEADER ASY NO 2,6 PINS	 TE Part # 8-1744524-7 3.96 EP HDR ASY 07P NO2,4,6PIN,NO PEG,GW	 TE Part # 1-1744416-1 11 POS EP II HSG, GLOW WIRE	

Also in the Series | Economy Power

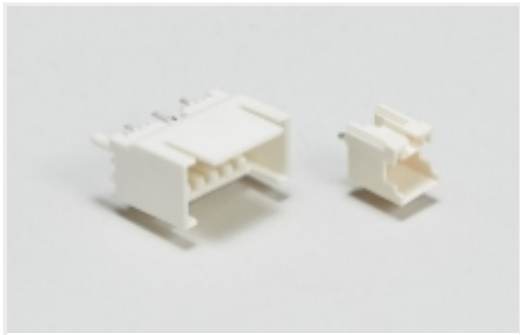
 Connector Contacts(15)	 Connector Hardware(2)	 Insertion & Extraction Tools(1)	 PCB Headers & Receptacles(402)
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Power Contacts(9)

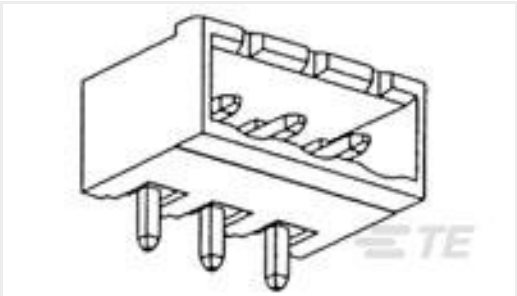


Rectangular Power Connectors(460)

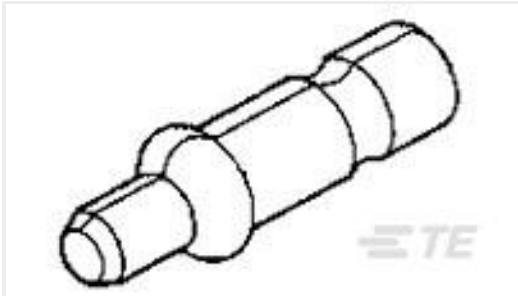


Wire-to-Board Headers & Receptacles (402)

Customers Also Bought



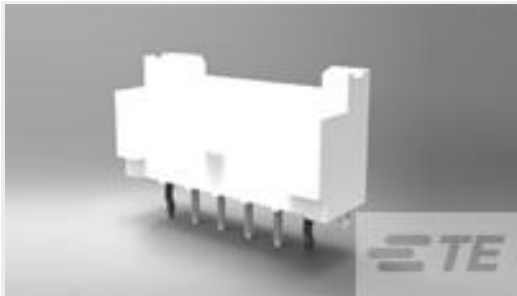
TE Part #796644-6
6POS 5.0MM CE R/A HDR,TRM BLK



TE Part #61137-1
.093 PCB PIN .0126 PTP PH/BZ



TE Part #1744144-1
EP-II CONTACT LANCELESS, 22-18



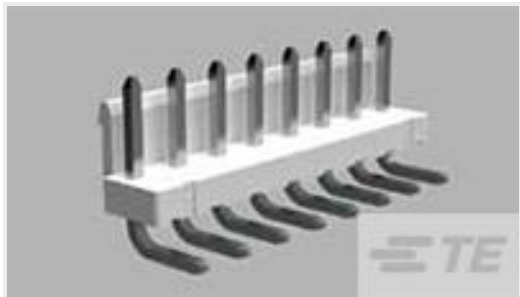
TE Part #1-1744418-4
14 POS EP 2.5 HDR, GLOW WIRE



TE Part #1969588-7
HSG, REC, FREE-HANGING, SINGLE ROW,EP2.5



TE Part #1-2132781-1
11P EP-II HOUSING, NATURAL



TE Part #1744428-4
3.96 EP HDR ASSY 4P R/A, GW



TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos



TE Part #1969798-1
02P UMNL PIN HDR ASSY NATL, PIN VO GW



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos

Documents

Product Drawings

3.96 EP HDR ASY 11P NO PEG, GW

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1744489-1_D.2d_dxf.zip

1-1744489-1

PCB Mount Header, Vertical, Wire-to-Board, 11 Position, 3.96 mm [.156 in] Centerline, Partially Shrouded, Tin (Sn), Economy Power



English

Customer View Model

[ENG_CVM_CVM_1-1744489-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1744489-1_D.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Economy Power II \(EP II\) Glow Wire test compliant connectors](#)

English

[1-1773885-9 Economy Power Connectors](#)

English

Product Specifications

[Application Specification](#)

Japanese