



Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **3**

Number of Rows: **1**

Centerline (Pitch): **3.96 mm [.156 in]**

PCB Mount Orientation: **Vertical**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	3
Number of Rows	1
PCB Mount Orientation	Vertical

Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	7.7 mm[.303 in]
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Mating Square Post Dimension	1.14 mm[.045 in]
PCB Contact Termination Area Plating Material Thickness	3 µm[120 µin]
Contact Layout	Inline
Contact Mating Area Plating Material Thickness	3 µm[120 µin]
Contact Mating Area Plating Material Finish	Matte
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	8 A

Termination Features

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

Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Length	31.68 mm[1.247 in]
Connector Height	9.4 mm[.37 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Glow Wire Rating	Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	1000
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: 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 # 1744416-3
3 POS EP II HSG, GLOW WIRE

TE Part # 1744544-3
EP II TPA 03P, BLACK

TE Part # 1744493-3
03P EP-II HOUSING, ORANGE

Also in the Series | Economy Power

Connector Contacts(15)

Connector Hardware(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(400)

Rectangular Connector Housings(1)

Rectangular Power Connectors(64)

Wire-to-Board Connector Assemblies & Housings(142)

Customers Also Bought

TE Part #58074-1
MTA 50/100/156 MANUAL TOOL FRAME

TE Part #1-770178-0
06P MINI-UMNL ASSY VO SNNI*

TE Part #350826-1
04P UMNL HDR ASSY PC 94VO

TE Part #2-1393225-1
RY611024

TE Part #054955-000
CWT-9001

TE Part #1571300-3
TACT,RTANG,SMT,SEALED,GUID PIN, T/R

TE Part #1393788-3
V23079A1001B301

TE Part #5-1768376-4
LBF-TEB07860



Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744429-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744429-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744429-3_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