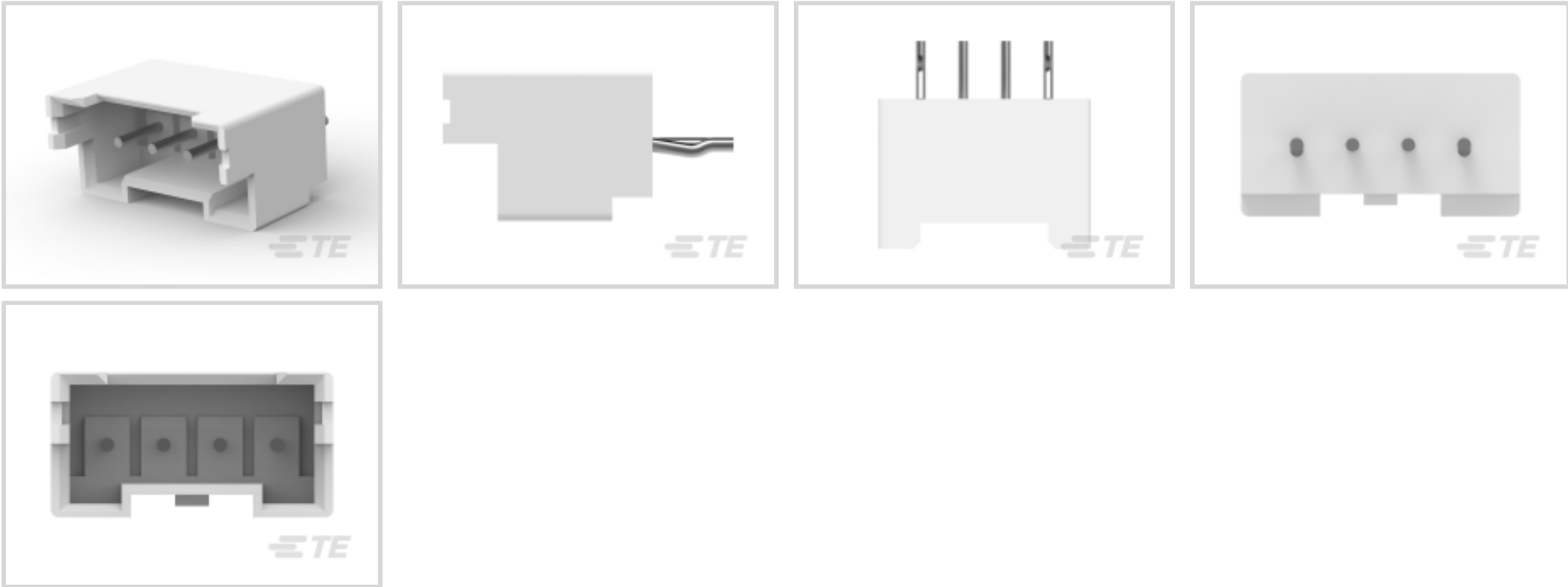




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Assembly Type: **PCB Mount Header**

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

Number of Positions: **4**

Number of Rows: **1**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Product Type Features

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

Configuration Features

Connector Contact Load Condition	Fully Loaded
Number of Positions	4
Number of Rows	1
PCB Mount Orientation	Vertical

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Mating Area Length	3.6 mm[.142 in]
PCB Contact Termination Area Plating Material Thickness	2.032 µm[80 µin]
Contact Layout	Inline
Mating Pin Diameter	.6 mm[.024 in]
Contact Mating Area Plating Material Thickness	2 – 5 µm[80 – 200 µin]
Contact Shape & Form	Round
Contact Mating Area Plating Material Finish	Bright
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

Termination Post & Tail Diameter	.6 mm[.024 in]
Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PBT GF
Centerline (Pitch)	2.5 mm[.098 in]

Dimensions

Connector Length	15 mm[.59 in]
Connector Height	8.8 mm[.346 in]



Connector Width	6.4 mm[.252 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	600
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

 <p>TE Part # 1744417-4 4 POS EP 2.5 HSG, GLOW WIRE</p>	 <p>TE Part # 1969442-4 EP 2.5 TPA Housing, 4 Pos</p>	 <p>TE Part # 1969729-4 EP2.5 Shrouded HDR ASSY 4P VERT w /o boss</p>	 <p>TE Part # 2336075-2 HTSM WITH EP CONNECTOR</p>
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Also in the Series | Economy Power 2.5

 <p>Connector Contacts(6)</p>	 <p>Connector Hardware(49)</p>	 <p>PCB Headers & Receptacles(533)</p>	 <p>Wire-to-Board Connector Assemblies & Housings(305)</p>
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Customers Also Bought

 <p>TE Part #2132415-2 EP2.5 Shrouded HDR ASSY 2P VERT w /o boss</p>	 <p>TE Part #178498-1 UP 3.96 5P TAB HDR NAT TYPE 1</p>	 <p>TE Part #2132415-6 EP2.5 Shrouded HDR ASSY 6P VERT w /o boss</p>	 <p>TE Part #1376382-1 5mm B-T-W Conn. 2P HDR ASSEMBL</p>
 <p>TE Part #1376383-1 5mm B-T-W Conn. 3P HDR ASSEMBL</p>	 <p>TE Part #2132415-7 EP2.5 Shrouded HDR ASSY 7P VERT w /o boss</p>	 <p>TE Part #2322946-3 6POS,TAB0.63X0.63,HDR ASSY,90DEG</p>	 <p>TE Part #1564410-1 AXIAL SEAL 37 X 57</p>



TE Part #2-1969582-0
ASSY, HDR, VERT, NO-BOSS, DUAL
ROW,EP2.5



TE Part #2-2322946-5
2POS,TAB0.63X0.63,HDR ASSY,90DEG

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2132415-4_G.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2132415-4_G.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2132415-4_G.3d_stp.zip

English

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

Datasheets & Catalog Pages

7-1773458-5_ECONOMY_POWER_QRG

English

7-1773461-6_EP2.5_Connector_Series

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English