

1-2132415-4 ✓ ACTIVE



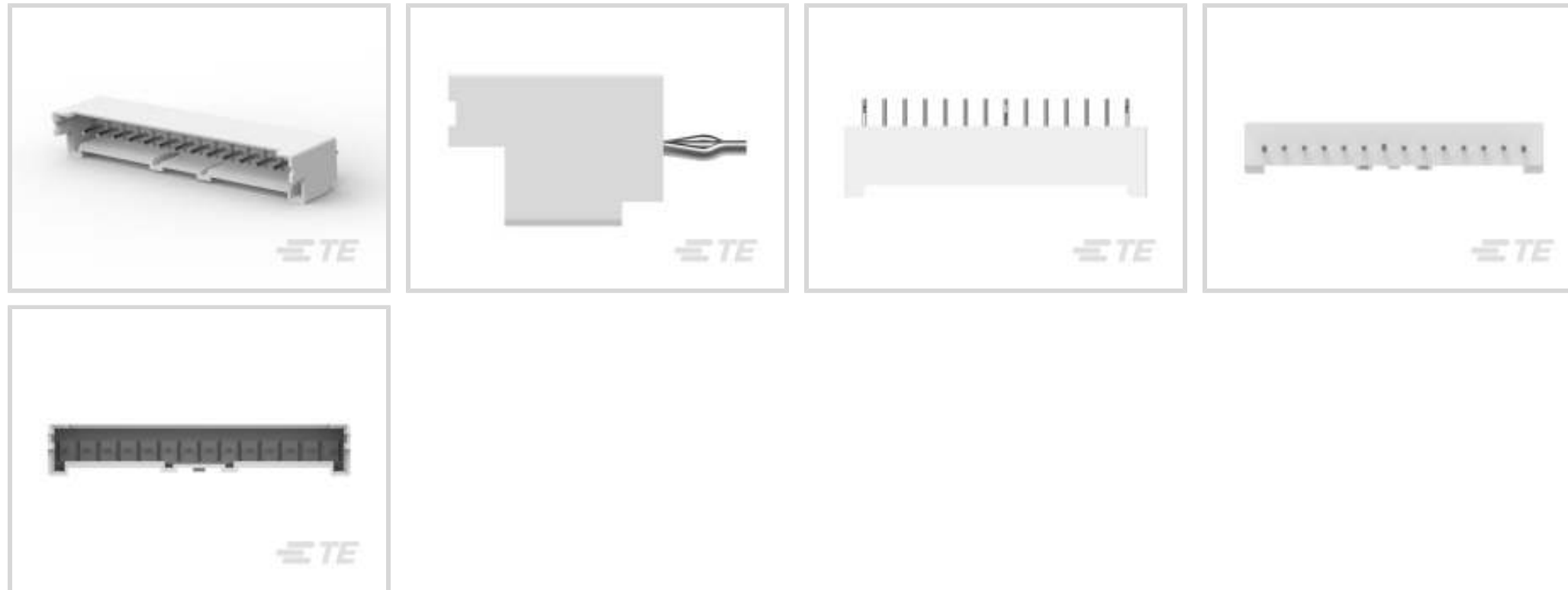
Economy Power 2.5

TE Internal #: 1-2132415-4

PCB Mount Header, Vertical, Wire-to-Board, 14 Position, 2.5 mm [.098 in] Centerline, Fully Shrouded, Tin, Through Hole - Solder, Economy Power 2.5

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles



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

Number of Positions: **14**

Number of Rows: **1**

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

PCB Mount Orientation: **Vertical**

Features

Product Type Features

Connector System	Wire-to-Board
Header Type	Fully 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	14
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

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

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	With
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	37.5 mm[1.48 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]

Operation/Application

Circuit Application Power & Signal

Industry Standards

Glow Wire Rating Standard Part - Not Glow Wire

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 300

Packaging Type 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 2023 (235)
 Candidate List Declared Against: JAN 2021 (211)
 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 # 1-1969442-4
EP 2.5 TPA Housing, 14 Pos



TE Part # 2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part # 1-1969582-0
ASSY, HDR, VERT, NO-BOSS, DUAL ROW, EP2.5



TE Part # 1-1969730-4
EP2.5 SHROUDED HDR ASSY 14P VERTICAL



TE Part # 1-1744417-4
14 POS EP 2.5 HSG, GLOW WIRE




TE Part # 1-1969541-4
RETAINER, TPA, DUAL ROW, EP2.5



TE Part # 2336075-2
HTSM WITH EP CONNECTOR

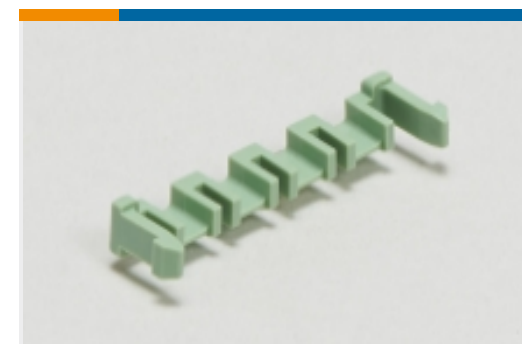
Also in the Series | Economy Power 2.5




Insertion & Extraction Tools(1)




PCB Headers & Receptacles(494)




PCB Latches, Locks & Retainers(49)



Rectangular Power Connectors(43)

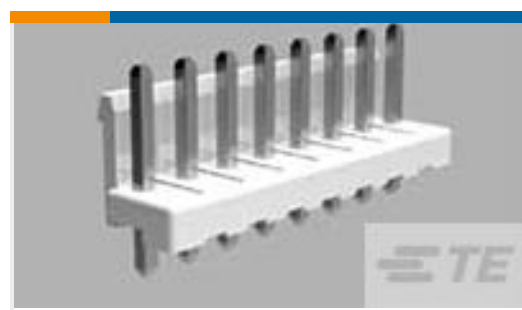


Wire-to-Board Connector Assemblies & Housings(311)



Wire-to-Board Connector Contacts(6)

Customers Also Bought



TE Part #1-1123723-6
3.96 EP HDR ASSY 6P(NATURAL)



TE Part #2232983-1
EP 2.5 LIF RCPT CONTACT, 24-20
AWG



TE Part #1-2132230-1
EP2.5 Shrouded HDR ASSY 11P VE



TE Part #1-172520-1
LOW PRO AMPIN 11P



TE Part #1-2323750-4
ASSY,HDR,RIGHT ANGLE,GWT,DUAL
ROW, EP2.5



TE Part #1-2324245-4
ASSY,HDR,VERT,GWT,BOSSSED,DUAL
ROW, EP2.5



TE Part #1-2324579-4
HOUSING, PLUG, 14P, DUAL ROW,
EP2.5



TE Part #2-2324245-8
ASSY,HDR,VERT,GWT,BOSSSED,DUAL
ROW, EP2.5



TE Part #2-2324579-8
HOUSING, PLUG, 28P, DUAL ROW,
EP2.5



TE Part #2324579-8
HOUSING, PLUG, 8P, DUAL ROW,
EP2.5

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-2132415-4_G.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132415-4_G.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132415-4_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

[UL Report](#)

English

[UL Report](#)

English