

1-2132230-4 ✓ ACTIVE



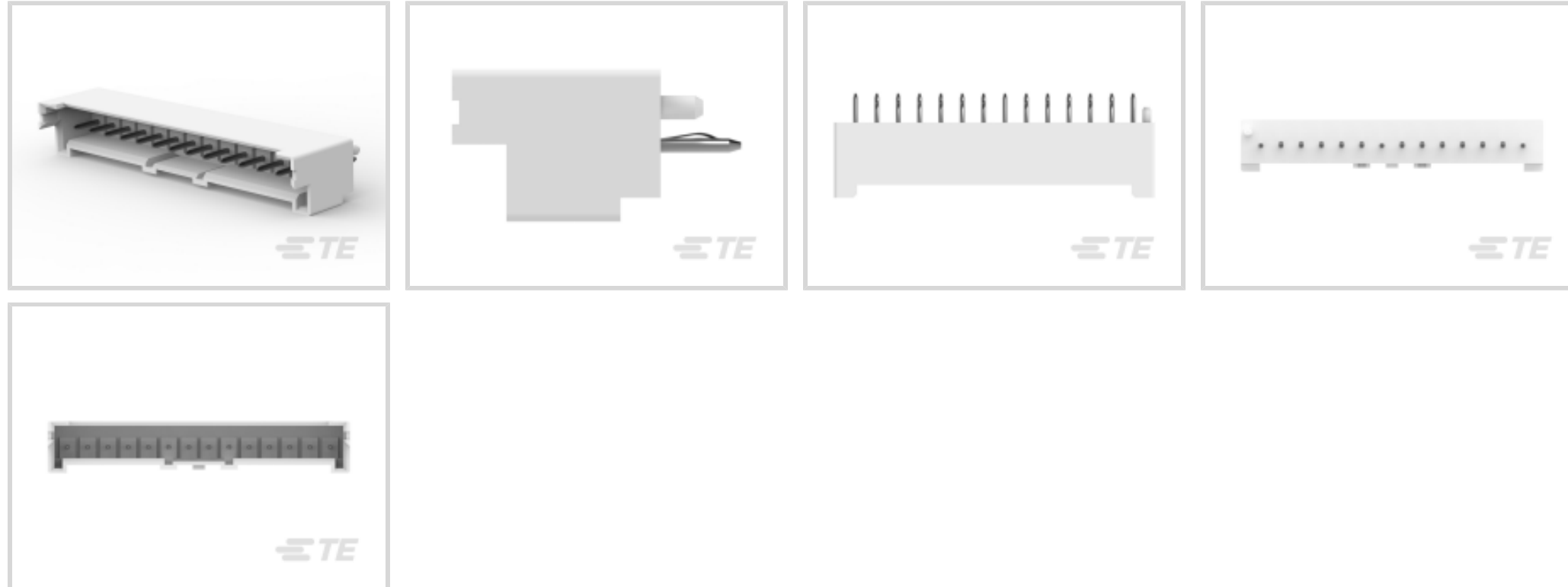
Economy Power 2.5

TE Internal #: 1-2132230-4

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



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

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

PCB Mount Orientation: **Vertical**

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

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Connector Shape	Rectangular
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

Number of Columns	14
Number of Loaded Positions	14
Number of Power Positions	14
PCB Mount Orientation	Vertical



Number of Positions	14
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Underplating Material Thickness	1.27 μm [50 μin]
Contact Mating Area Plating Material Thickness	2.032 μm [80 μin]
Contact Layout	Inline
Contact Base Material	Brass
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Type	Pin
Contact Current Rating (Max)	4.2 A

Termination Features

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

Mechanical Attachment

Mating Retention Type	Locking Tab
Mating Retention	With
Mating Alignment Type	Polarization
PCB Mount Retention Type	Kinked Legs
PCB Mount Retention	With
PCB Mount Alignment	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

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

Dimensions



Connector Width	6.4 mm[.25 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	8.8 mm[.346 in]
Connector Length	37.5 mm[1.47 in]

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Power

Industry Standards

Compatible With Agency/Standards Products	UL
UL Rating	Recognized
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	300
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 # 1-1969442-4
EP 2.5 TPA Housing, 14 Pos



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




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

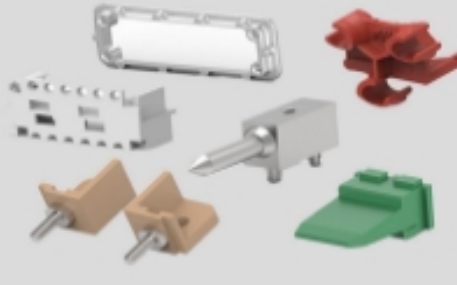


TE Part # 2336075-2
HTSM WITH EP CONNECTOR

Also in the Series | Economy Power 2.5



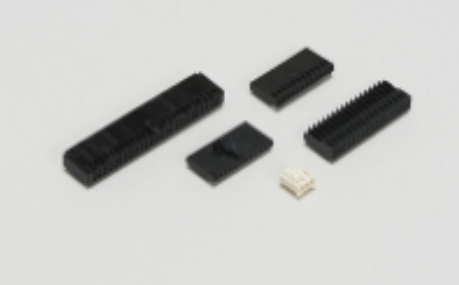
Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



Wire-to-Board Connector Assemblies & Housings(305)

Customers Also Bought



TE Part #177899-1
POWER DBL LOCK PLUG HSG 3P



TE Part #177919-1
POWER DBL LOCK PLATE 3P



TE Part #177915-2
AMP POWER DBL LOCK REC



TE Part #1318912-1
EP CONN LP REC



TE Part #1-480699-0
02P UMNL CAP HSG NATL



TE Part #1-1123722-3
3.96 EP PLUG HSG 3P(NATURAL)



TE Part #3-1393253-2
W68-X2Q12-15=M6/M7/M9/W6/W7



TE Part #6-1393252-6
W67-X2Q13-10=M6/M7/M9/W6/W7



TE Part #3-1393253-5
W68-X2Q12-25=M6/M7/M9/W6/W7



TE Part #1SNL316010R0000
DBL160

Documents

Product Drawings

[EP2.5 Shrouded HDR ASSY 14P VE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-2132230-4_H.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132230-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2132230-4_H.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



Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English

Agency Approvals

[VDE Certificate](#)

English