

1969442-4 ✓ ACTIVE

Economy Power 2.5

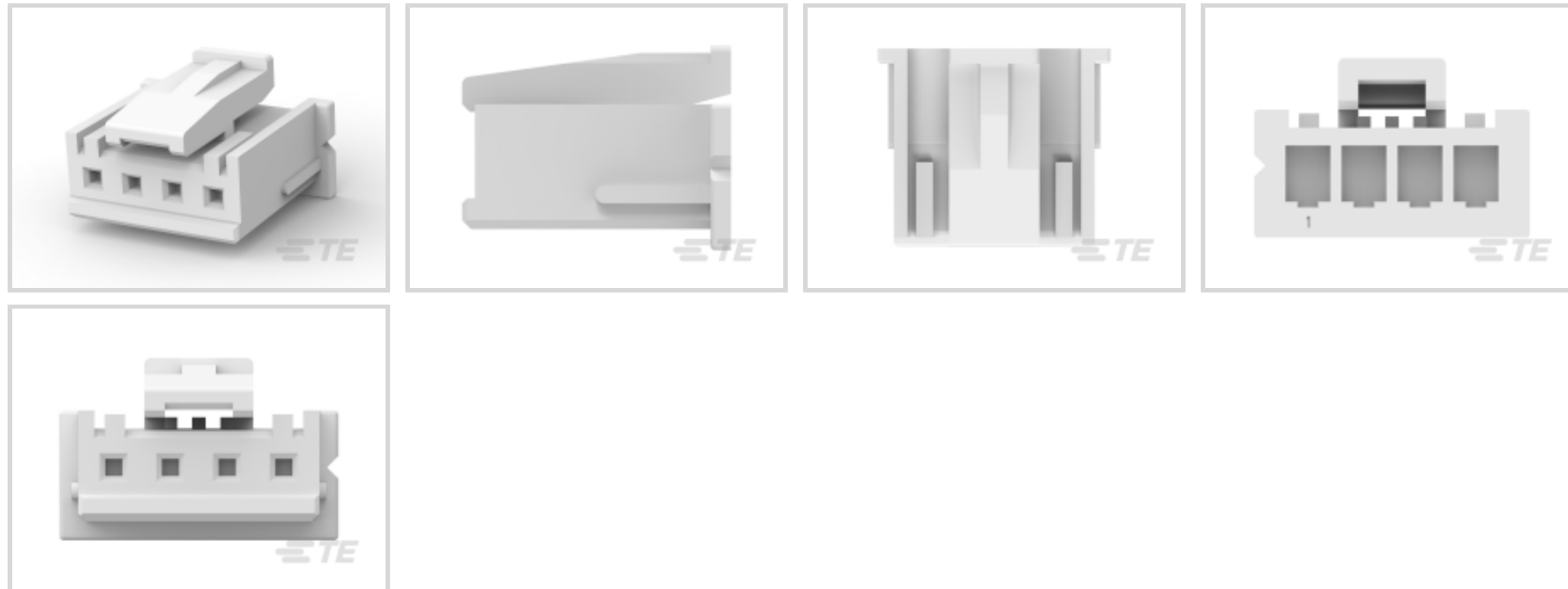
TE Internal #: 1969442-4

Housing, Receptacle, Wire-to-Board, 4 Position, 2.5 mm [.098 in]  
Centerline, Crimp, 1 Row, Natural, Mating Retention, Wire & Cable,  
Economy Power 2.5

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Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

### Features

#### Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

#### Configuration Features

Number of Positions	4
Number of Rows	1

#### Housing Features

Centerline (Pitch)	2.5 mm [.098 in]
Housing Material	Nylon - GF
Housing Entry Configuration	Both Ends Closed

#### Termination Features

Termination Method to Wire & Cable	Crimp
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### Body Features

Primary Product Color	Natural
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### Mechanical Attachment

Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Strain Relief	Without
Panel Mount Feature	Without
Mating Retention Type	Latch
PCB Mount Retention	Without

### Contact Features

Contact Current Rating (Max)	4.5 A
Contact Base Material	Copper Alloy
Contact Type	Socket

### Operation/Application

Circuit Application	Power
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### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Electrical Characteristics

Operating Voltage	250 VAC
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### Dimensions

Connector Width	9.58 mm[.377 in]
Connector Height	8 mm[.315 in]
Wire Size	26 – 22 AWG
Connector Length	12.3 mm

### Industry Standards

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

### Packaging Features



Packaging Method	Bag
Packaging Quantity	300

### 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	Not applicable for solder process capability

#### 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 # 2304185-4  
EP2.5 SHROUDED HDR ASSY 4P VERT W/O BOSS



TE Part # 1744426-4  
Header Housing Assy, EP 2.5 RA, 4 Pos.



TE Part # 1-2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING, RED



TE Part # 2132415-4  
EP2.5 Shrouded HDR ASSY 4P VERT w /o boss



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



TE Part # 1744439-4  
EP2.5 Shrd HDR ASSY 4P VERT, GW



TE Part # 1744446-4  
Hdr Assy, EP 2.5 RA, 4 Pos., GW



TE Part # 2-2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING, BLUE



TE Part # 2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING



TE Part # 2311451-4  
EP2.5 HDR ASSY 4P W/ BOSS, NO PIN 2



TE Part # 2482324-1  
EXTRACTION TOOL



TE Part # 3-2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING, BLACK




TE Part # 4-2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING, YELLOW



TE Part # 5-2299683-4  
EP2.5 HDR 4P VERT W/O BOSS, TAPING, GREEN

Also in the Series | **Economy Power 2.5**



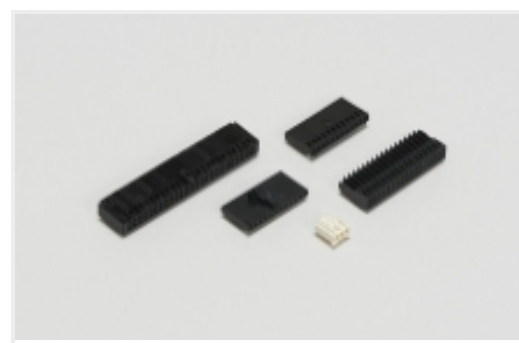
Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



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

Customers Also Bought



TE Part #1969588-6  
HSG, REC, FREE-HANGING, SINGLE ROW, EP2.5



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



TE Part #63119-1  
POSITIVE LOCK 250 REC 22-18 AWG TPBR



TE Part #1969590-4  
HSG, REC, PANEL MOUNT, SINGLE ROW, EP2.5



TE Part #2322946-3  
6POS, TAB0.63X0.63, HDR ASSY, 90DEG



TE Part #521284-1  
ULTRA-POD 187 ASSY REC 20-16 AWG BR



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

## Documents

### Product Drawings

[EP 2.5 TPA Housing, 4 Pos](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-4\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-4\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1969442-4\\_C.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[7-1773461-6\\_EP2.5\\_Connector\\_Series](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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



English

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[Agency Approvals](#)

[VDE Certificate](#)

English