

1744417-9 ✓ ACTIVE

### Economy Power 2.5

TE Internal #: 1744417-9

Housing, Receptacle, Wire-to-Board, 9 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: **9**

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	9
Number of Rows	1

### Housing Features

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

### 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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### Contact Features

Contact Layout	Inline
Contact Type	Socket

### Dimensions

Connector Height	5.7 mm[.224 in]
Connector Length	24.8 mm[.975 in]

### Industry Standards

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

### Packaging Features

Packaging Method	Bag
Packaging Quantity	500



## Product Compliance


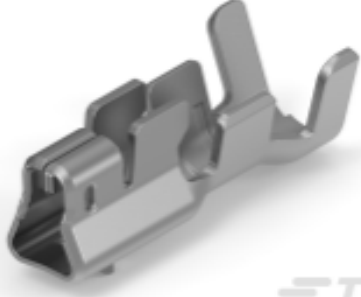

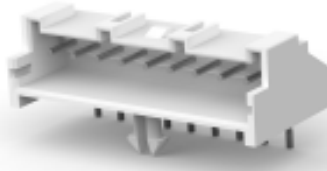
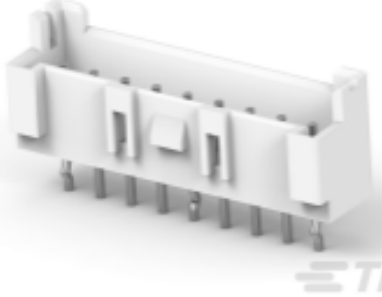
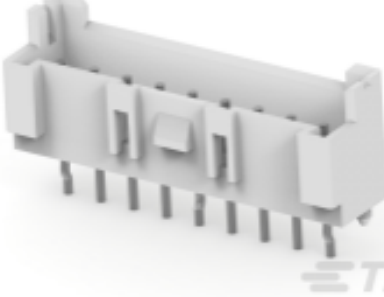

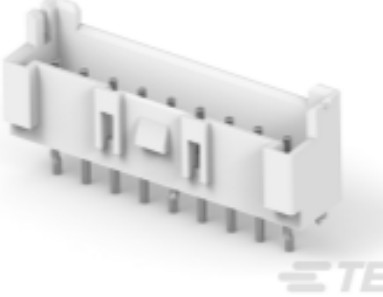
For compliance documentation, visit the product page on TE.com>

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

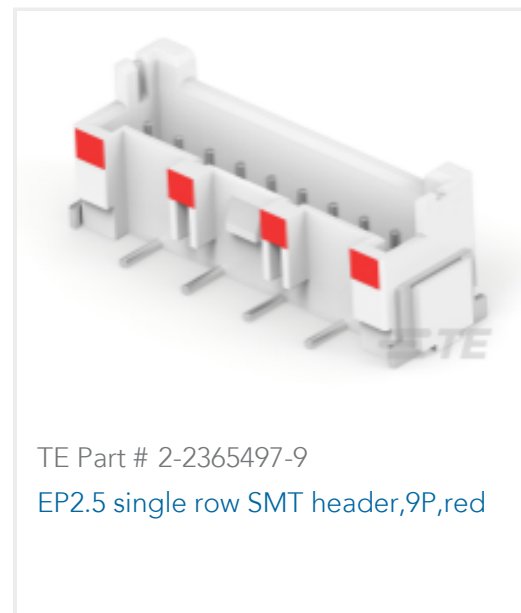
 <p>TE Part # 1969443-9 EP 2.5 TPA Retainer, 9 Pos</p>	 <p>TE Part # 1744423-1 EP 2.5 RCPT CONTACT, 24-20 AWG</p>	 <p>TE Part # 2110989-1 EP 2.5 RCPT CONTACT, 26-22 AWG</p>	 <p>TE Part # 1744426-9 Header Housing Assy, EP 2.5 RA, 9 Pos.</p>
 <p>TE Part # 2132415-9 EP2.5 Shrouded HDR ASSY 9P VERT w /o boss</p>	 <p>TE Part # 2404280-9 EP 2.5 HDR, GLOW WIRE, 9P</p>	 <p>TE Part # 2132230-9 EP2.5 Shrouded HDR ASSY 9P VER</p>	 <p>TE Part # 1744418-9 9 POS EP 2.5 HDR, GLOW WIRE</p>



TE Part # 1744439-9  
EP2.5 Shrd HDR ASSY 9P VERT, GW



TE Part # 1744446-9  
Hdr Assy, EP 2.5 RA, 9 Pos., GW



TE Part # 2-2365497-9  
EP2.5 single row SMT header,9P,red



TE Part # 2365497-9  
EP2.5 single row SMT header,GWT,9P



TE Part # 2482324-1  
EXTRACTION TOOL



TE Part # 3-2365497-9  
EP2.5 single row SMT header,9P,green



TE Part # 4-2365497-9  
EP2.5 single row SMT header,9P,blue



TE Part # 6-2365497-9  
EP2.5 single row SMT header,9P,black

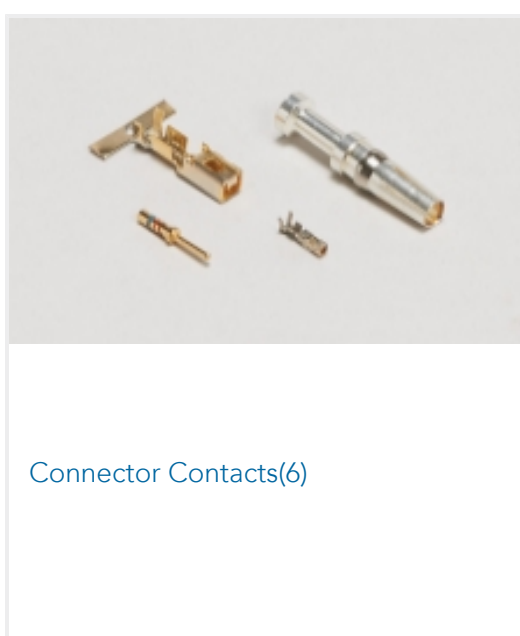


TE Part # 8-2365497-9  
EP2.5 single row SMT header,9P,yellow

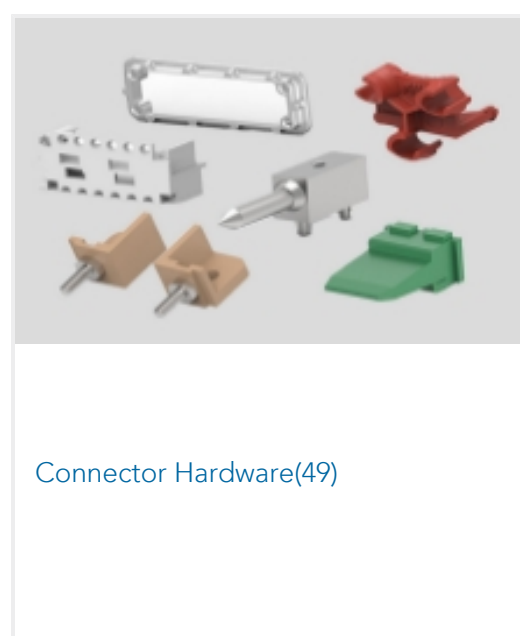


TE Part # 2470203-9  
EP 2.5 HDR, GWT, without boss, 9P

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



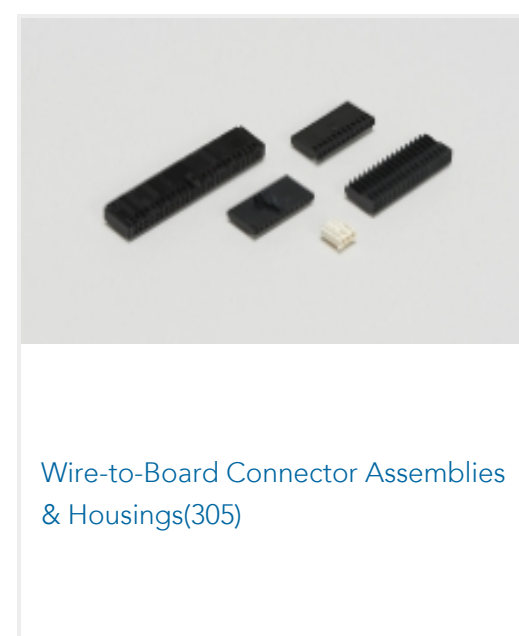
Connector Contacts(6)



Connector Hardware(49)



PCB Headers & Receptacles(533)



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

Customers Also Bought



TE Part #177909-1  
POWER DBL LOCK CAP HSG P/M 6P



TE Part #177900-4  
POWER DBL LOCK PLUG HSG 4P



TE Part #1969443-9  
EP 2.5 TPA Retainer, 9 Pos



TE Part #1744417-8  
8 POS EP 2.5 HSG, GLOW WIRE



## Documents

### Product Drawings

[9 POS EP 2.5 HSG, GLOW WIRE](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-9\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-9\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-9\\_D.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

### Agency Approvals

[VDE Certificate](#)

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English