

1744417-8 ✓ ACTIVE

### Economy Power 2.5

TE Internal #: 1744417-8

Housing, Receptacle, Wire-to-Board, 8 Position, .098 in [2.5 mm]  
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: **8**

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	8
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 Layout

Inline

Contact Type

Socket

**Termination Features**

Termination Method to Wire &amp; Cable

Crimp

**Mechanical Attachment**

Strain Relief

Without

Panel Mount Feature

Without

PCB Mount Retention

Without

Mating Retention Type

Latch

Mating Retention

With

Connector Mounting Type

Cable Mount (Free-Hanging)

**Housing Features**

Housing Entry Configuration

Both Ends Closed

Housing Material

Nylon

Centerline (Pitch)

2.5 mm[.098 in]

**Dimensions**

Connector Length

22.3 mm[.876 in]

Connector Height

5.7 mm[.224 in]

**Usage Conditions**

Operating Temperature Range

-55 - 105 °C[-67 - 221 °F]

**Operation/Application**

Circuit Application

Power

**Industry Standards**

Glow Wire Rating

Glow Wire

UL Flammability Rating

UL 94V-0

**Packaging Features**

Packaging Quantity

500

Packaging Method

Bag

**Product Compliance**For compliance documentation, visit the product page on [TE.com](http://TE.com)>

EU RoHS Directive 2011/65/EU

Compliant

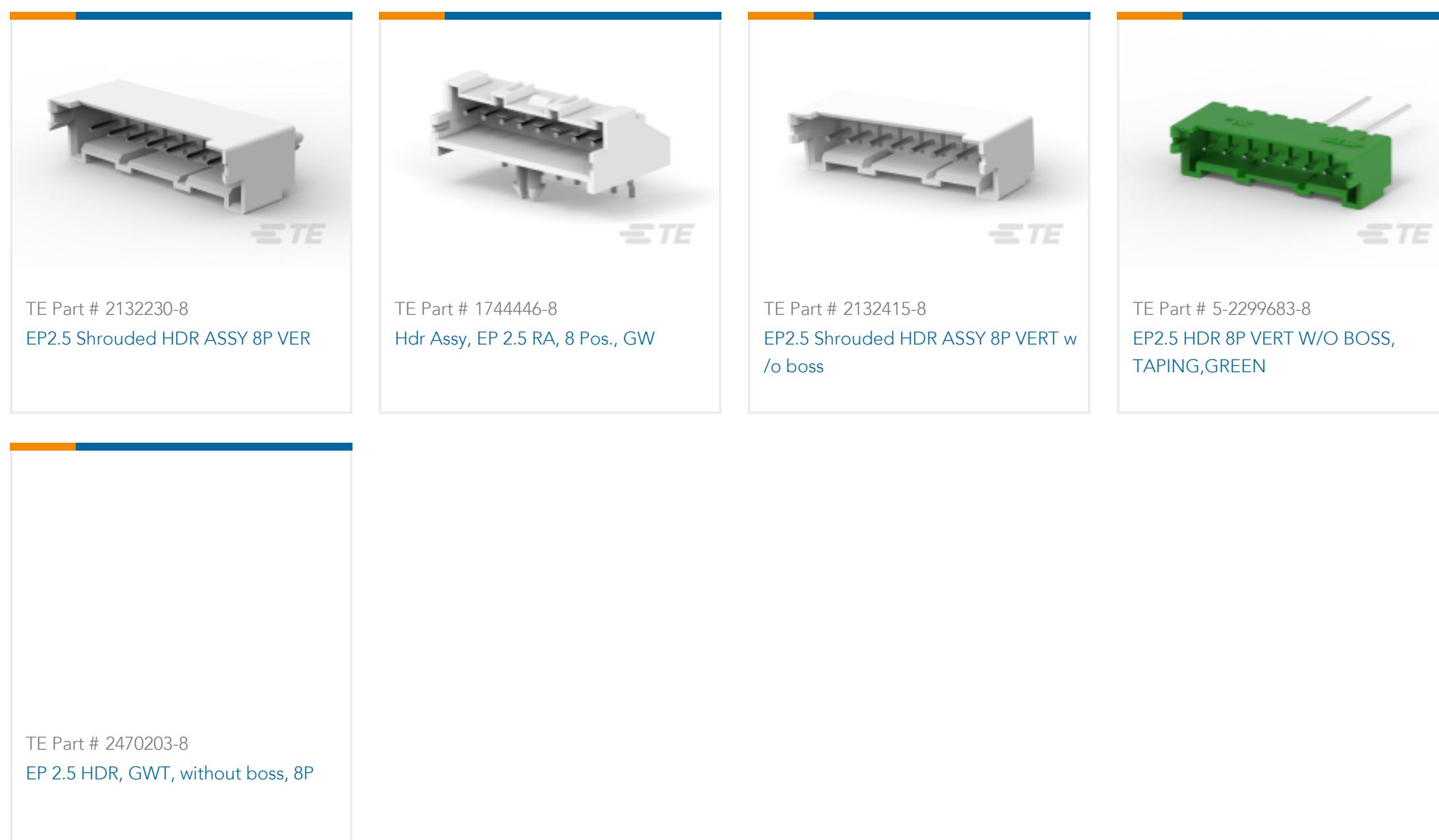
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not 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>

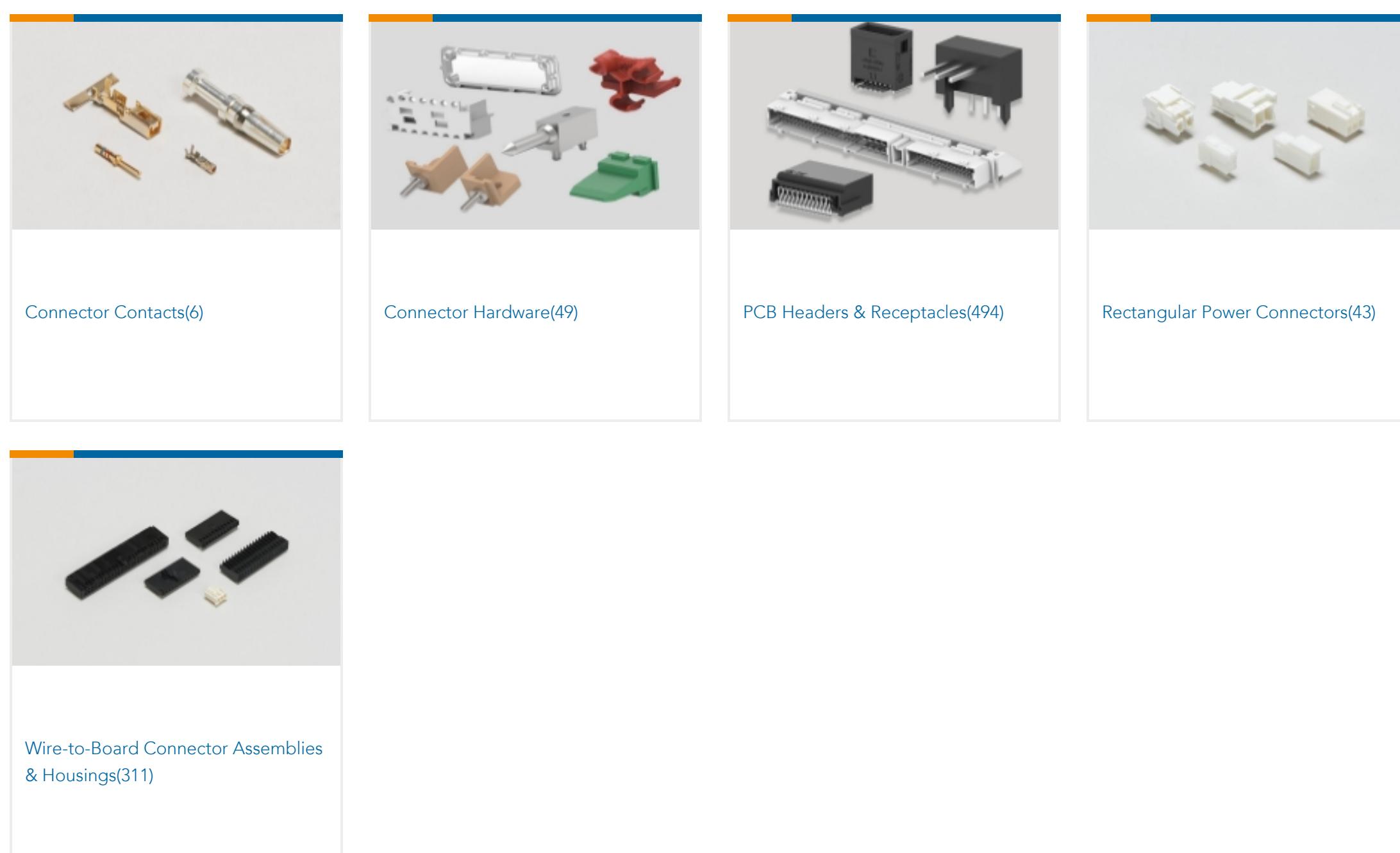
## Compatible Parts

			
TE Part # 1744418-8 8 POS EP 2.5 HDR, GLOW WIRE	TE Part # 1744423-1 EP 2.5 RCPT CONTACT, 24-20 AWG	TE Part # 2110989-1 EP 2.5 RCPT CONTACT, 26-22 AWG	TE Part # 1744439-8 EP2.5 Shrd HDR ASSY 8P VERT, GW
			
TE Part # 2404280-8 EP 2.5 HDR, GLOW WIRE, 8P	TE Part # 1969443-8 EP 2.5 TPA Retainer, 8 Pos	TE Part # 1744426-8 Header Housing Assy, EP 2.5 RA, 8 Pos.	TE Part # 1969541-8 RETAINER, TPA, DUAL ROW, EP2.5



## Also in the Series

## Economy Power 2.5



## Customers Also Bought





## Documents

### Product Drawings

#### 8 POS EP 2.5 HSG, GLOW WIRE

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-8\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-8\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744417-8\\_D.3d\\_stp.zip](#)

English

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

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### Datasheets & Catalog Pages

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

English

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### Product Specifications

#### [Application Specification](#)

English

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### Agency Approvals

#### [UL Report](#)

English