

2-2132230-0 ✓ ACTIVE



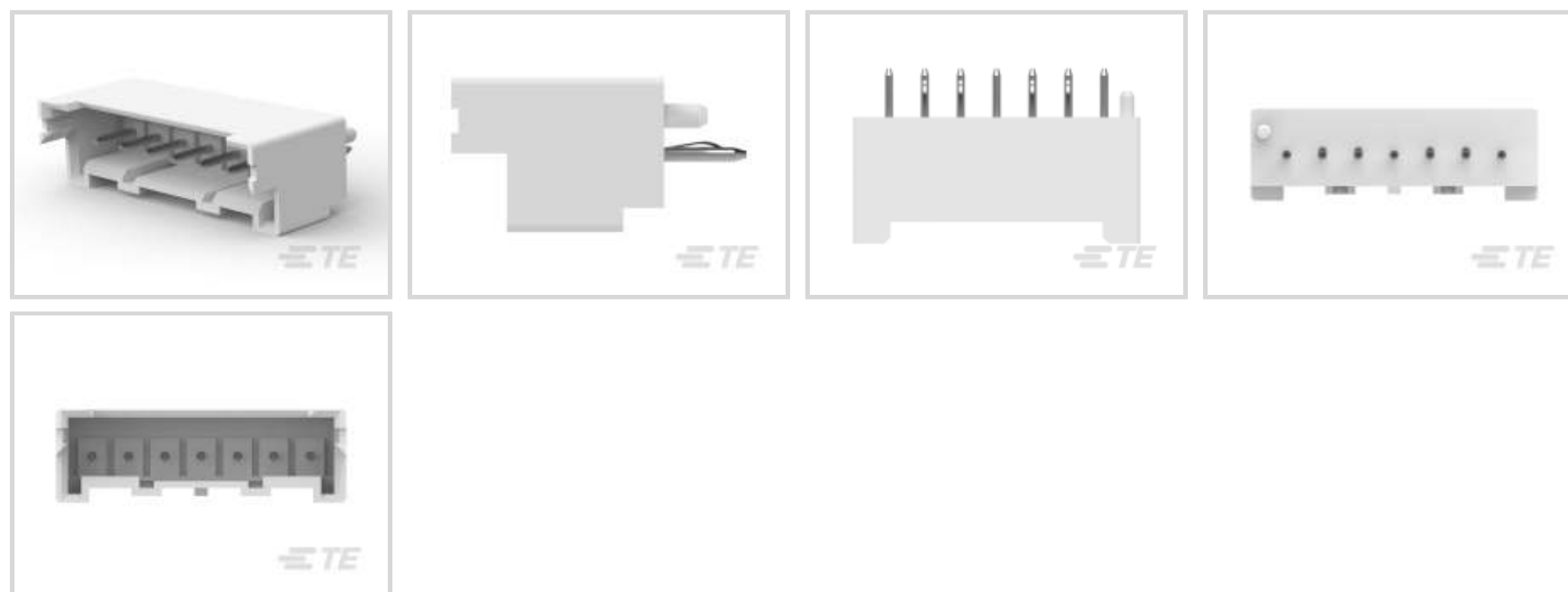
### Economy Power 2.5

TE Internal #: 2-2132230-0

Rectangular Power Connectors, Header, Plug, Wire-to-Wire / Wire-to-Board, 20 Position, 2.5 mm [.098 in] Centerline, Economy Power 2.5

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **20**

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

## Features

### Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board, Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Number of Columns	20
Number of Loaded Positions	20
Number of Positions	20
PCB Mount Orientation	Vertical
Number of Power Positions	20
Number of Rows	1

### Electrical Characteristics

Operating Voltage	250 VAC
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Base Material	Brass
Contact Current Rating (Max)	4.2 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.032 $\mu$ m[80 $\mu$ in]

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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### Mechanical Attachment

Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Board Mount

### Housing Features

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

### Dimensions

Connector Height	8.8 mm[.346 in]
Product Width	6.4 mm[.251 in]
Product Length	52.5 mm[2.066 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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### Operation/Application

Shielded	No
Circuit Application	Power

### Industry Standards

UL Rating	Recognized
Agency/Standard	UL



UL Flammability Rating

UL 94V-0

Glow Wire Rating

Standard Part - Not Glow Wire

### Packaging Features

Packaging Quantity

250

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 2023 (235)  
 Candidate List Declared Against: JAN 2023 (233)  
 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

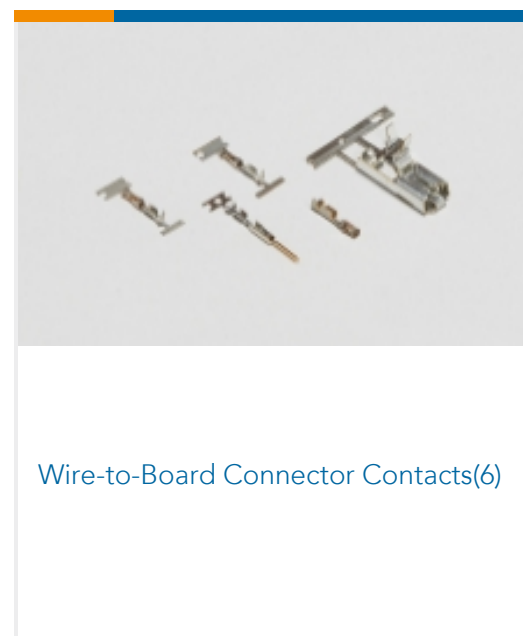
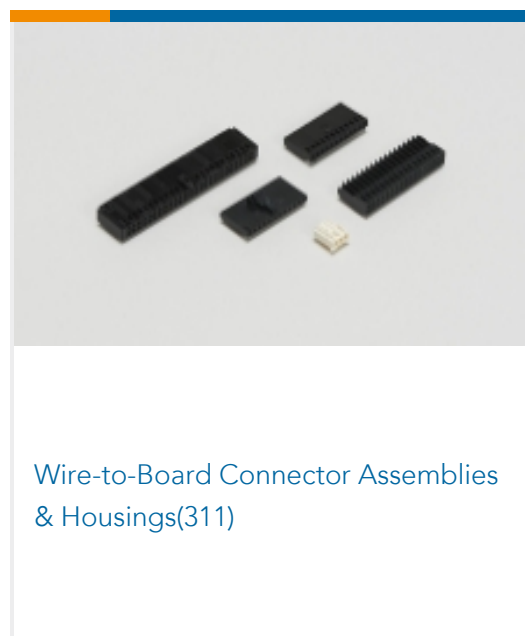
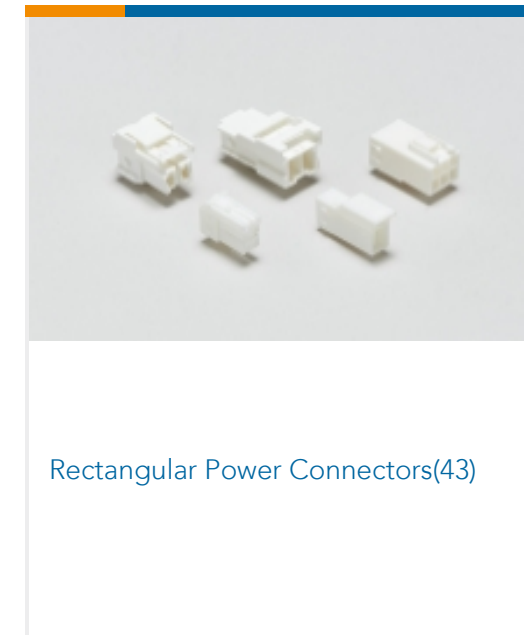
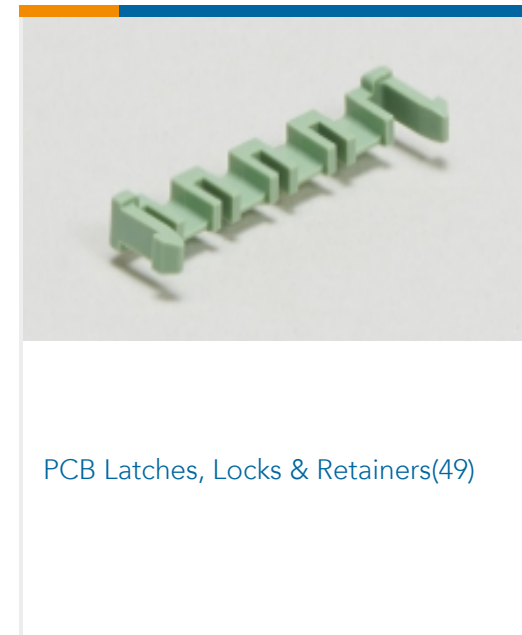
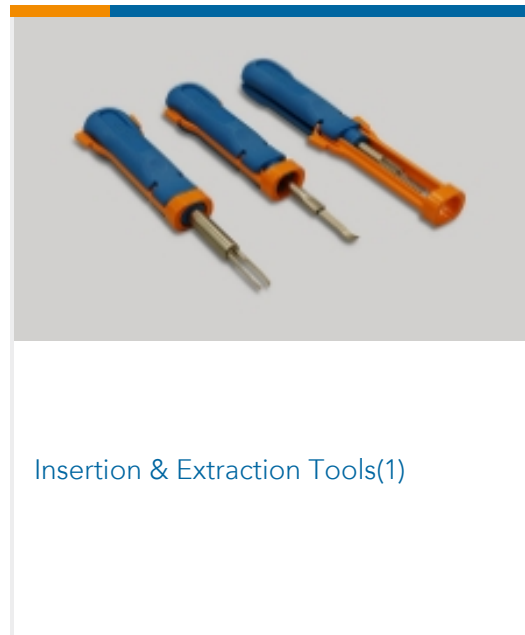
#### Product Compliance Disclaimer

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>

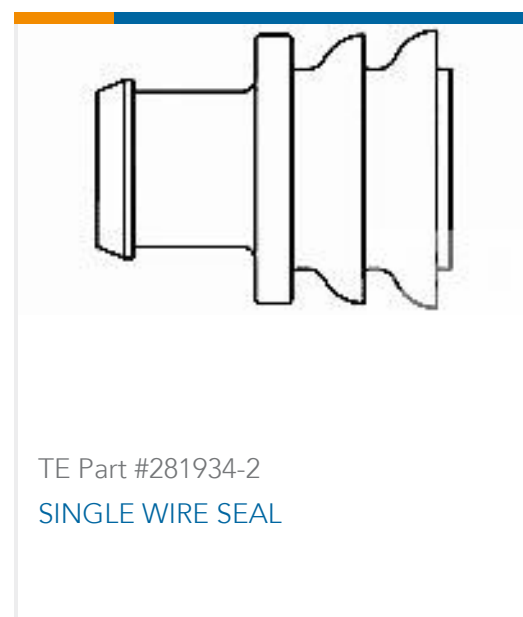
### Compatible Parts



## Also in the Series | Economy Power 2.5



## Customers Also Bought





## Documents

### Product Drawings

[EP2.5 Shrouded HDR ASSY 20P VE](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2132230-0\\_H.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2132230-0\\_H.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2132230-0\\_H.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

[7-1773458-5\\_ECONOMY\\_POWER\\_QRG](#)

English

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

English

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### Product Specifications

[Application Specification](#)

English

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### Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

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### Instruction Sheets

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

English

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### Agency Approvals

[UL Report](#)

English

[UL Report](#)

English