



**Economy Power**

TE Internal #: 1744036-7

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 7 Position, .2 in [5.08 mm] Centerline, Wire & Cable, UL 94V-0, Economy Power

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **7**

Centerline (Pitch): **5.08 mm [ .2 in ]**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	7
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	250 VDC
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**Contact Features**

Contact Layout	Inline
Contact Current Rating (Max)	7.5 A
Contact Retention Within Housing	Without



Contact Type	Receptacle
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### Termination Features

Termination Method to Wire & Cable	Crimp
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### Mechanical Attachment

Strain Relief	Without
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Mating Alignment Type	Polarization
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Mating Alignment	With
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Mating Retention	With
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Mating Retention Type	Latch, Locking Latch
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### Housing Features

Centerline (Pitch)	5.08 mm [.2 in]
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Housing Color	Natural
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Housing Material	Nylon
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### Dimensions

Width	13.3 mm [.524 in]
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Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
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Height	10.5 mm [.413 in]
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Length	34.38 mm [1.354 in]
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### Usage Conditions

Operating Temperature Range	-25 – 105 °C [-13 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Industry Standards

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

Packaging Method	Bag
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Packaging Quantity	500
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Other

For Use With	Plug
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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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1744037-7  
07P EC PWR.200 CL HDR ASSY VRT



TE Part # 2-1744036-6  
06P ECONOMY POWER .200 CL HSG



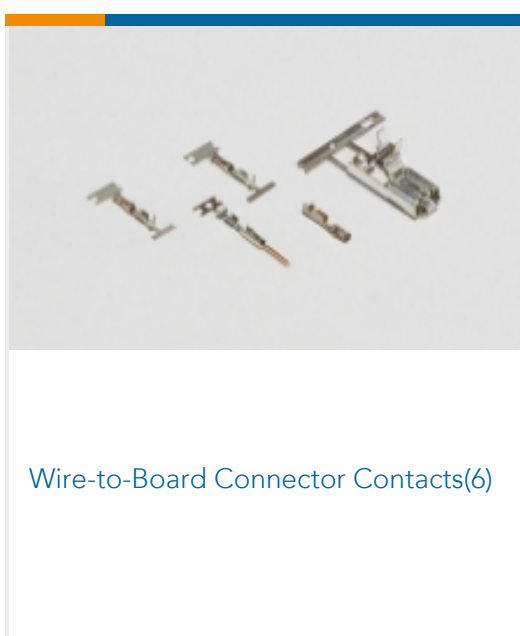
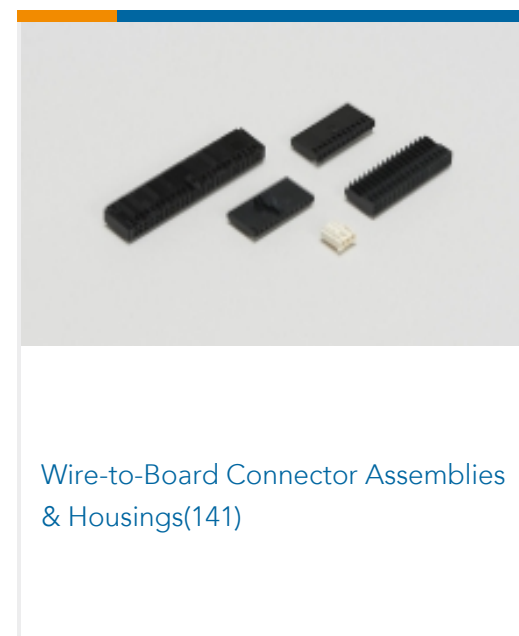
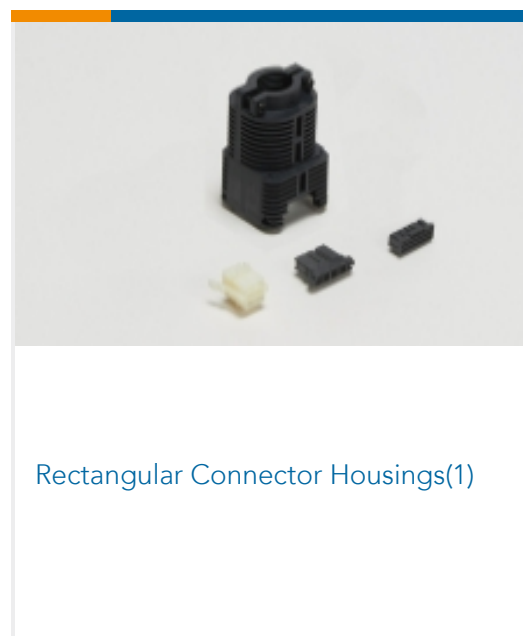
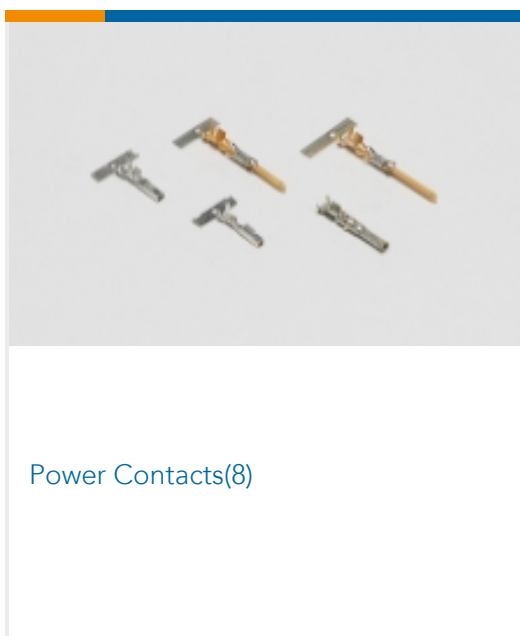
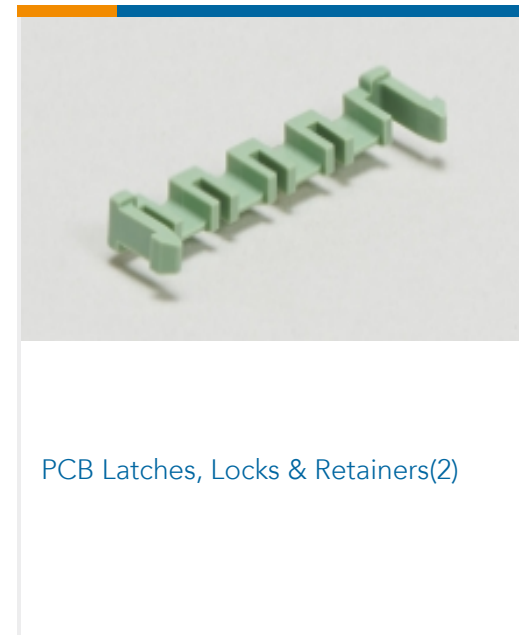
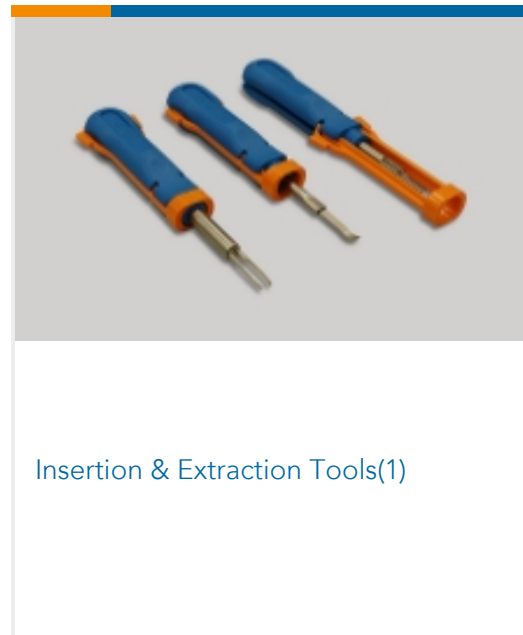
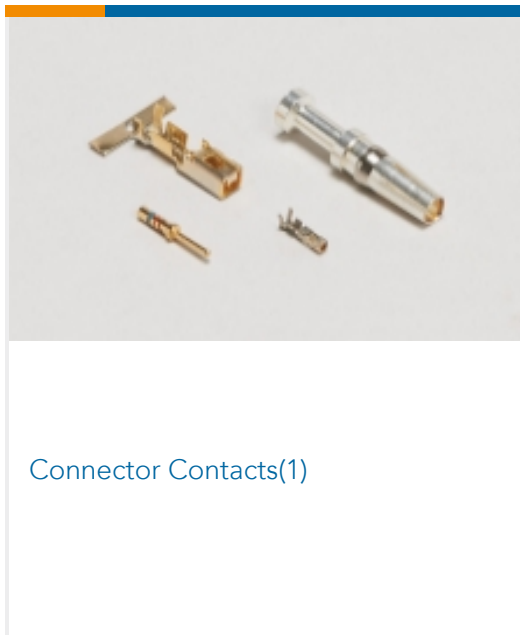
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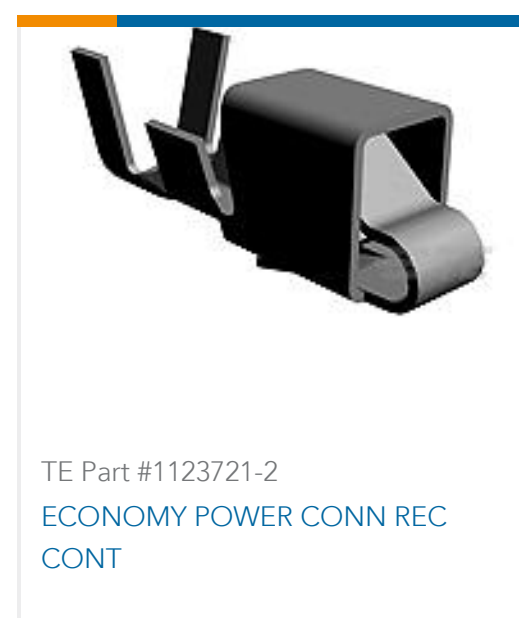
TE Part # 1744357-7  
3.96 EP SHROUDED HDR ASSY 7P W /PEGS



Also in the Series | Economy Power

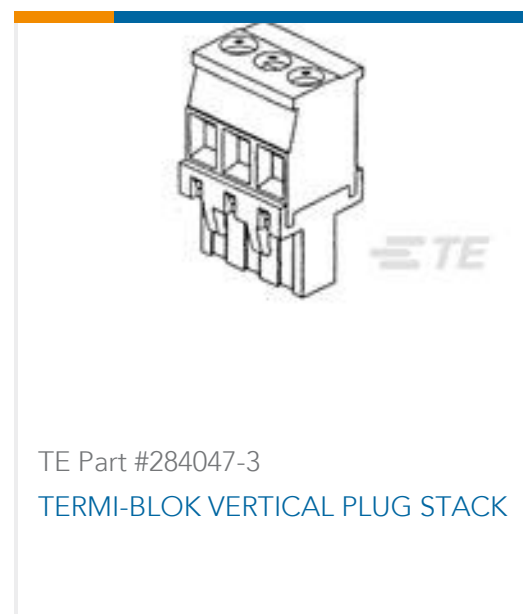


Customers Also Bought





TE Part #1744036-8  
08P ECONOMY POWER .200 CL HSG



TE Part #284047-3  
TERMI-BLOK VERTICAL PLUG STACK



TE Part #1744037-3  
03P EC PWR.200 CL HDR ASSY VRT



TE Part #1744036-3  
03P ECONOMY POWER .200 CL HSG



TE Part #1744036-5  
05P ECONOMY POWER .200 CL HSG

## Documents

### Product Drawings

[07P ECONOMY POWER .200 CL HSG](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1744036-7\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744036-7\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1744036-7\\_B.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[1-1773885-9 Economy Power Connectors](#)

English

### Product Specifications

[Application Specification](#)

Japanese

### Product Environmental Compliance

[Product Compliance](#)

1744036-7

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English

**Product Compliance**

English