



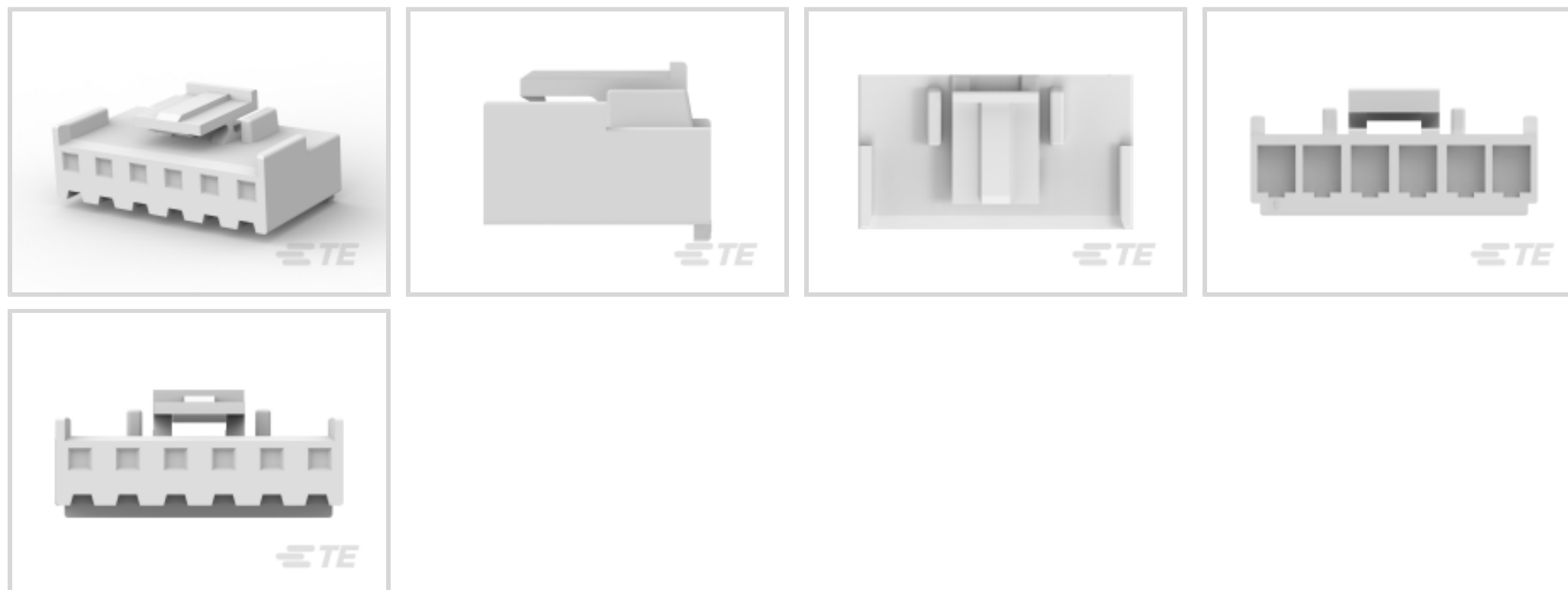
Economy Power

TE Internal #: 1-1123722-6

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 6 Position, 3.96 mm [.156 in] 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: **Plug**

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

Number of Positions: **6**

Centerline (Pitch): **3.96 mm [.156 in]**

**Features**

**Product Type Features**

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

**Configuration Features**

Number of Positions	6
Number of Rows	1

**Electrical Characteristics**

Insulation Resistance	1000 MΩ
Operating Voltage	250 VDC

**Contact Features**

Contact Layout	Inline
Contact Current Rating (Max)	8 A



Contact Retention Within Housing	Without
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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 Retention	With
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Mating Alignment	Without
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Mating Retention Type	Latch, Locking Latch
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Connector Mounting Type	Board Mount
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### Housing Features

Centerline (Pitch)	3.96 mm [.156 in]
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Housing Color	Natural
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Housing Material	Nylon 66
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### Dimensions

Connector Height	10.5 mm [.413 in]
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Product Width	13.3 mm [.524 in]
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Product Length	23.7 mm [.933 in]
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Compatible Insulation Diameter Range	1.7 – 3 mm [.067 – .118 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 Quantity	1200
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Packaging Method	Bag
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

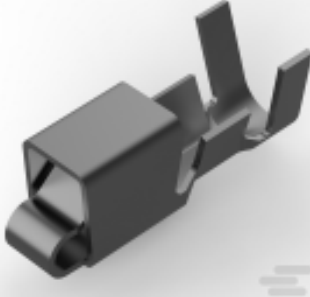


EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC
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

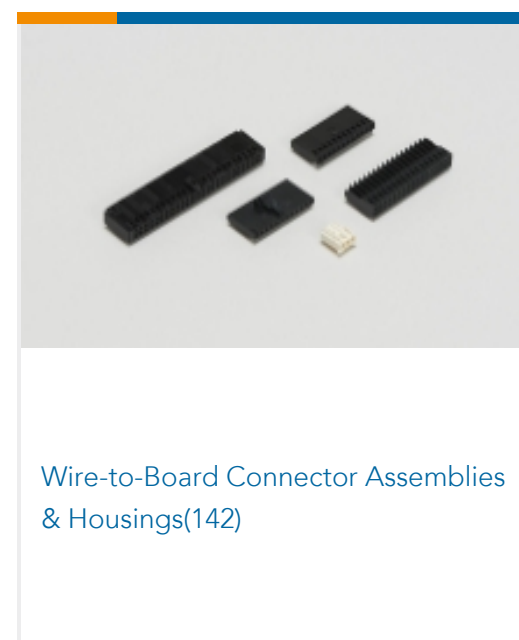
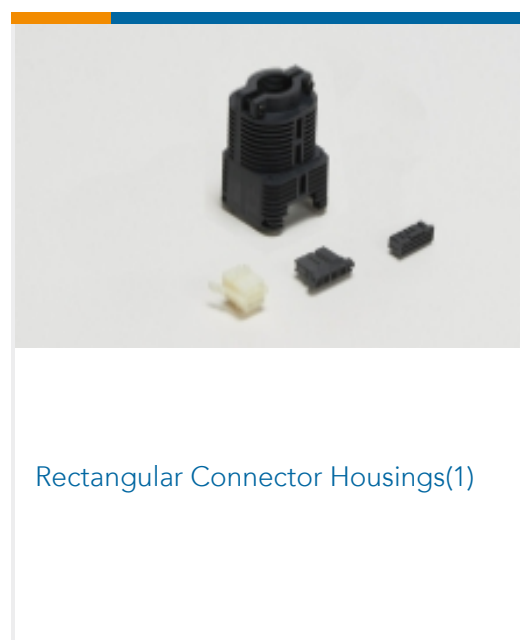
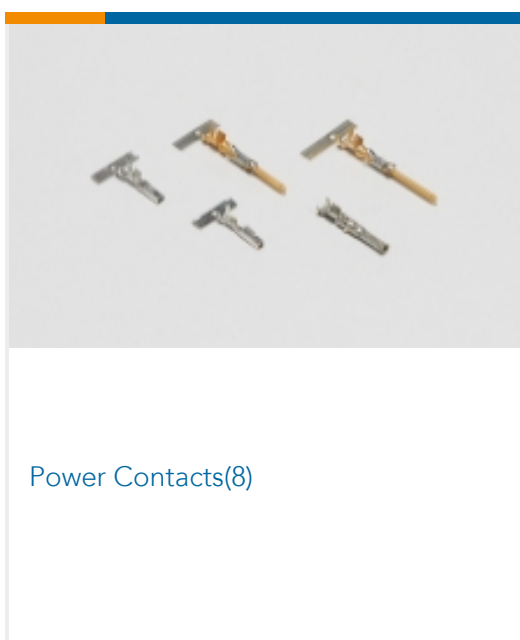
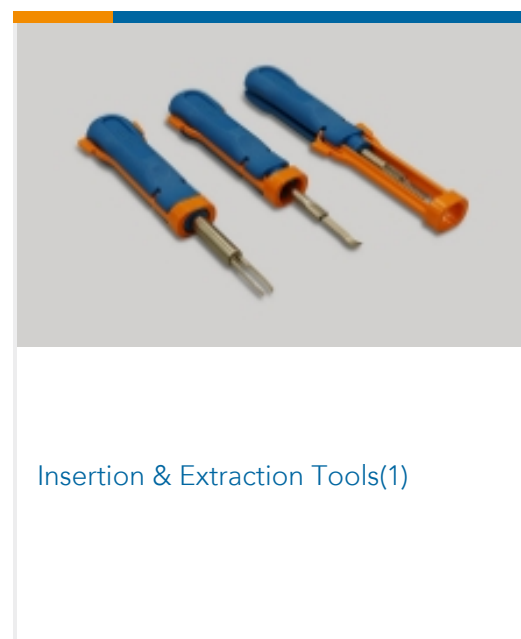
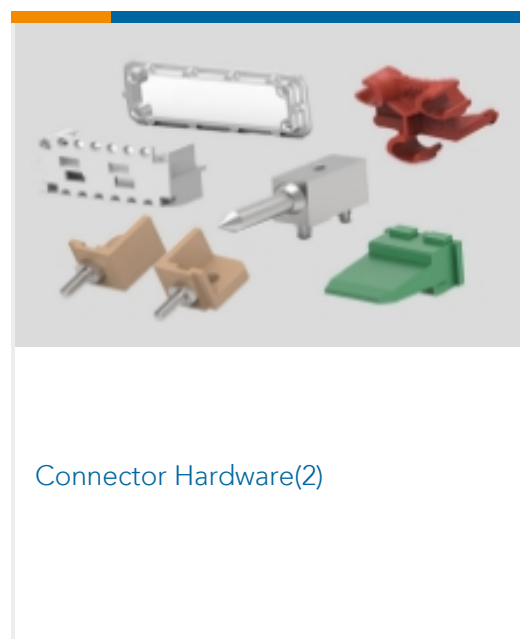
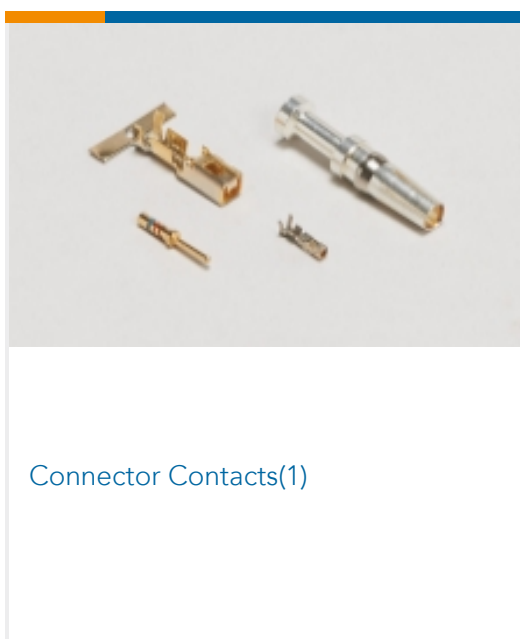
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 1318912-1 EP CONN LP REC</p>	 <p>TE Part # 1744416-6 6 POS EP II HSG, GLOW WIRE</p>	 <p>TE Part # 1-1123723-6 3.96 EP HDR ASSY 6P(NATURAL)</p>	 <p>TE Part # 2-1744036-6 06P ECONOMY POWER .200 CL HSG</p>
 <p>TE Part # 1123721-2 ECONOMY POWER CONN REC CONT</p>	 <p>TE Part # 2110989-1 EP 2.5 RCPT CONTACT, 26-22 AWG</p>	 <p>TE Part # 1-1318300-6 3.96 EP HDR ASSY 6P NAT/TUBE</p>	 <p>TE Part # 647676-6 3.96 EP HDR ASSY 6P R/A</p>



Also in the Series | Economy Power







Wire-to-Board Connector Contacts(6)

## Customers Also Bought



TE Part #521368-2  
ULTRA-POD 250 ASSY REC 22-18  
AWG TPBR



TE Part #M3041-000005-2K5PG  
PRESS XDCR M3041-000005-2K5PG



TE Part #1-1123722-5  
3.96 EP PLUG HSG 5P(NATURAL)



TE Part #1-1123722-2  
3.96 EP PLUG HSG 2P(NATURAL)



TE Part #1-1123722-4  
3.96 EP PLUG HSG 4P(NATURAL)



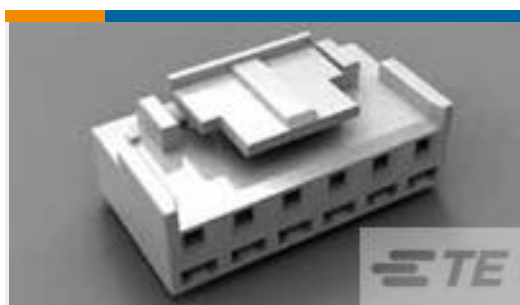
TE Part #1-1123722-3  
3.96 EP PLUG HSG 3P(NATURAL)



TE Part #794199-1  
12P MINI UMN2 CAP HSG DBLROW



TE Part #1546728-4  
8PCV-03-506



TE Part #7-1123722-8  
3.96 EP PLUG HSG 8P(NATURAL)

## Documents

### Product Drawings

[3.96 EP PLUG HSG 6P\(NATURAL\)](#)

English

### CAD Files

[3D PDF](#)

3D

### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1123722-6\\_N.2d\\_dxf.zip](#)



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1123722-6\\_N.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1123722-6\\_N.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**

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

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_1-1123722-6\\_09062018629\\_dmtec](#)

English

[MD\\_1-1123722-6\\_09062018629\\_dmtec](#)

English

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**Instruction Sheets**

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

Japanese

[Economy Power \(EP\) Connector](#)

Japanese

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**Agency Approvals**

[UL Report](#)

English