



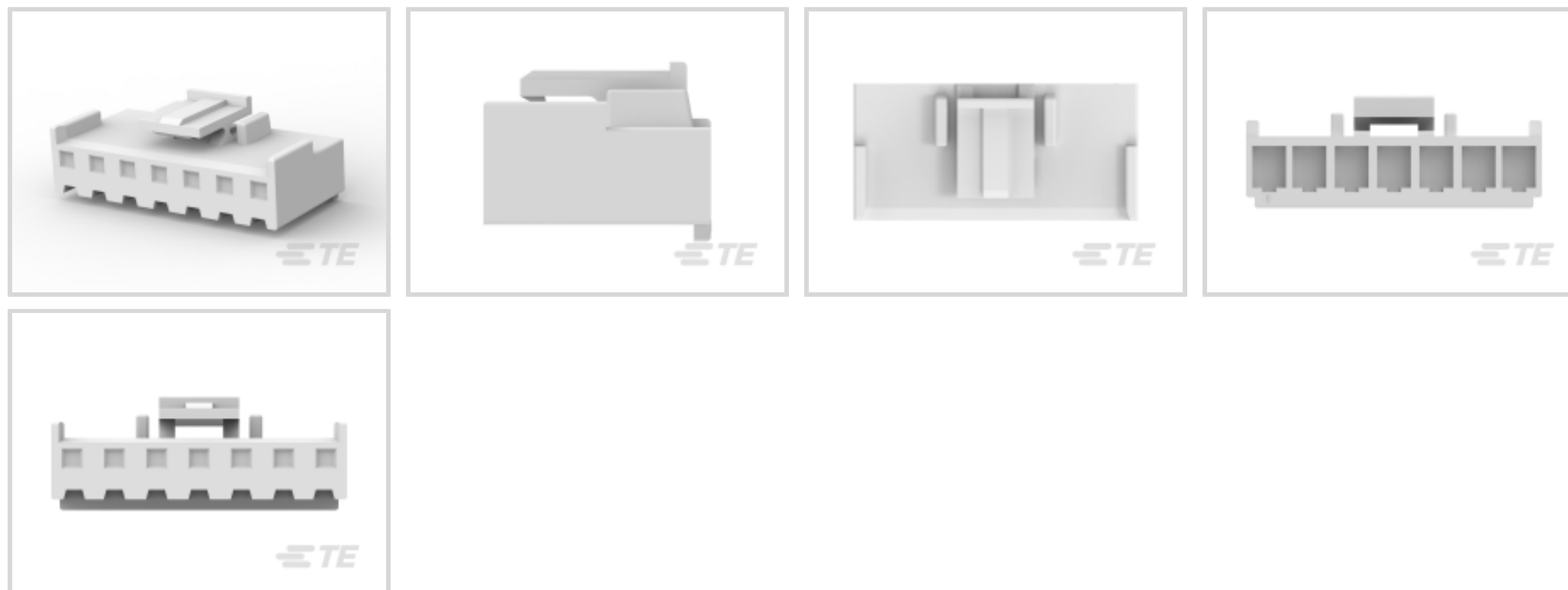
Economy Power

TE Internal #: 1-1123722-7

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 7 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: **7**

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	7
Number of Rows	1

**Electrical Characteristics**

Dielectric Withstanding Voltage (Max)	1500 VAC
Operating Voltage	250 VDC
Insulation Resistance	1000 MΩ

**Contact Features**

Contact Layout	Inline
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Contact Current Rating (Max)	8 A
Contact Retention Within Housing	Without
Contact Type	Receptacle

#### Termination Features

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

Strain Relief	Without
Mating Alignment	Without
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch, Locking Latch

#### Housing Features

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

#### Dimensions

Width	13.3 mm [.524 in]
Accepts Wire Insulation Diameter Range	1.7 – 3 mm [.067 – .118 in]
Height	10.5 mm [.413 in]
Length	27.66 mm [1.089 in]

#### 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
Glow Wire Rating	Standard Part - Not Glow Wire

#### Packaging Features

Packaging Method	Bag
Packaging Quantity	1100



## Product Compliance

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

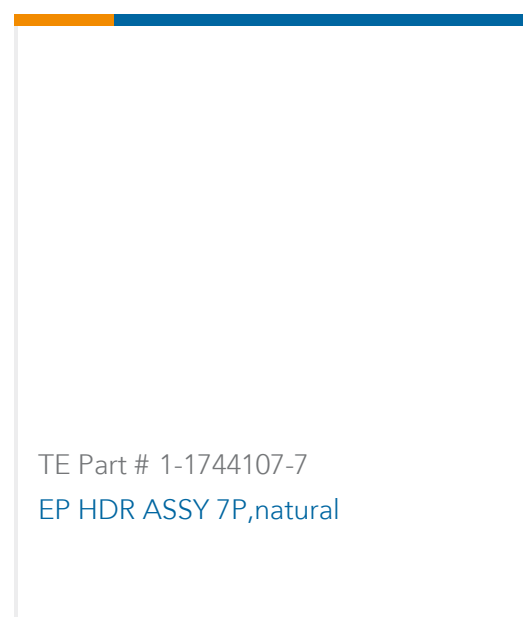
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does 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

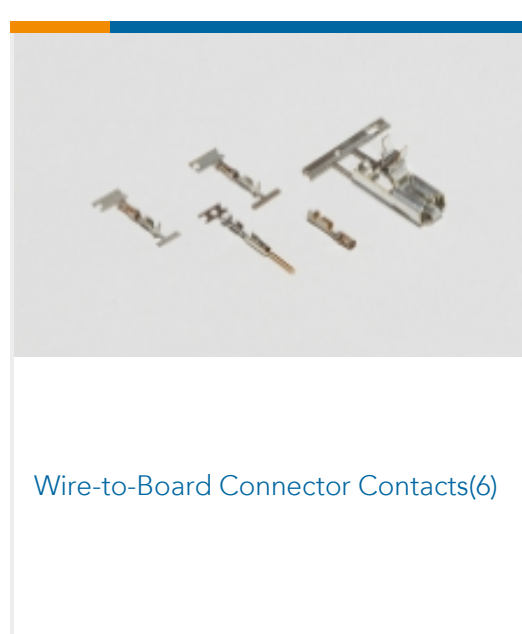
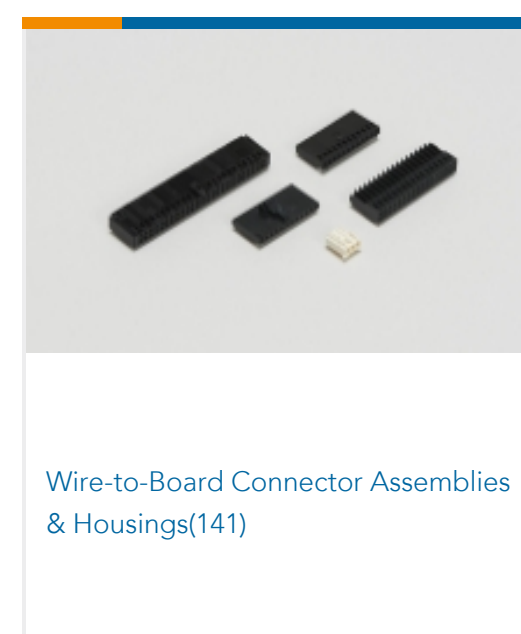
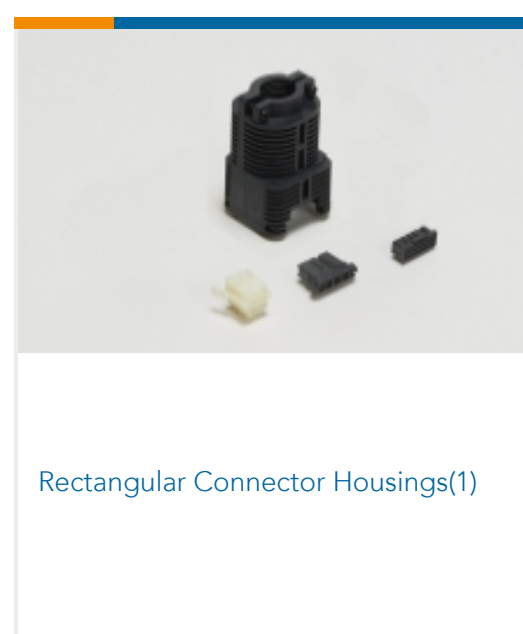
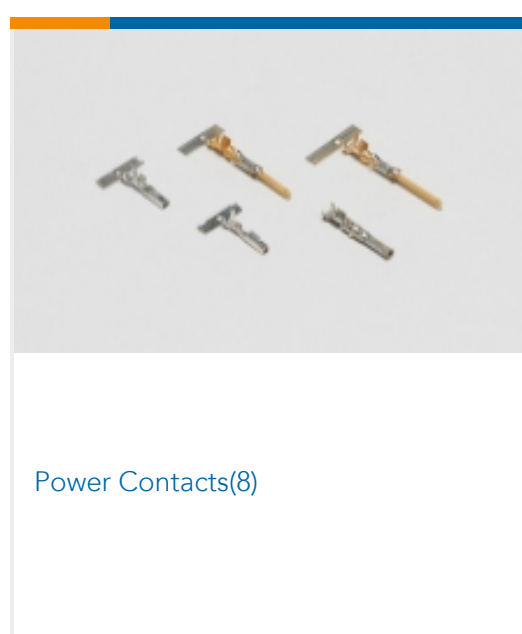
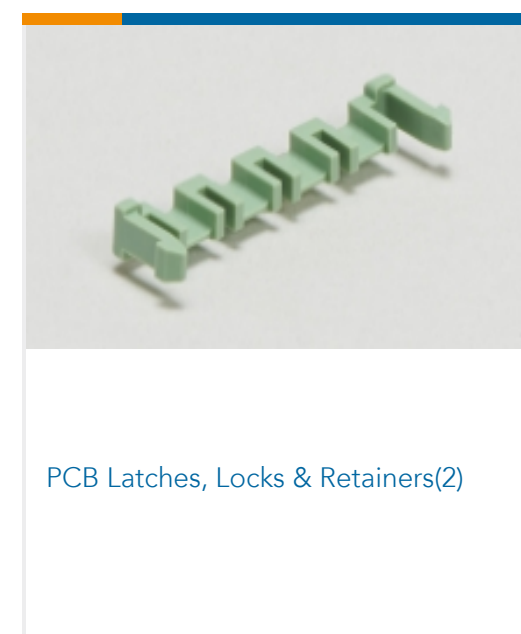
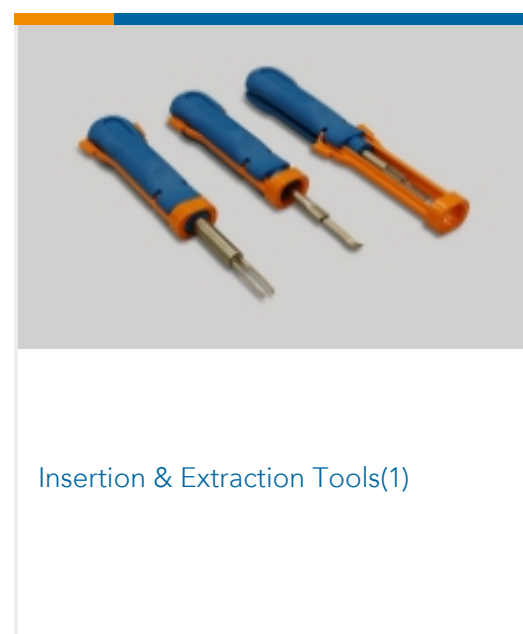
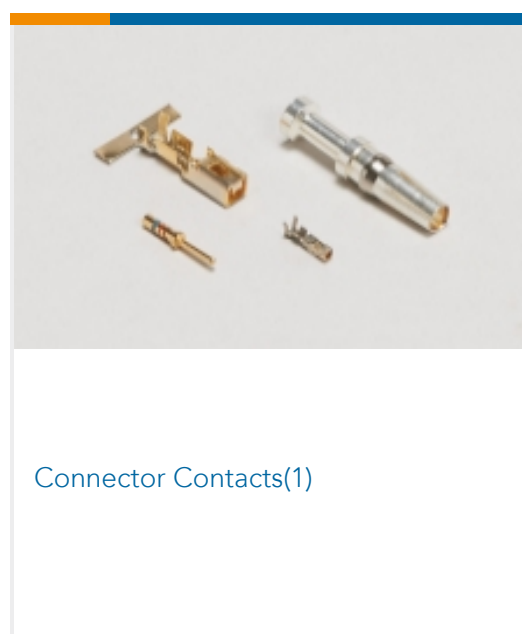
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 1-1123723-7 3.96 EP HDR ASSY 7P(NATURAL)</p>	 <p>TE Part # 1123721-2 ECONOMY POWER CONN REC CONT</p>	 <p>TE Part # 1123721-1 EP CONN. REC CONTACT</p>
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## Also in the Series | Economy Power



### Documents

#### Product Drawings

[3.96 EP PLUG HSG 7P\(NATURAL\)](#)

English

#### CAD Files

[3D PDF](#)

[3D](#)

[Customer View Model](#)



[ENG\\_CVM\\_CVM\\_1-1123722-7\\_N.2d\\_dxf.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1123722-7\\_N.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1123722-7\\_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

[ECONOMY POWER\(EP\) CONNECTOR\(BRASS\)](#)

Japanese

[ECONOMY POWER\(EP\) CONNECTOR\(BRASS\)](#)

Japanese

[ECONOMY POWER\(EP\) CONNECTOR\(BRASS\)](#)

English

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### Product Environmental Compliance

[MD\\_1-1123722-7\\_09062018630\\_dmtec](#)

English

[MD\\_1-1123722-7\\_09062018630\\_dmtec](#)

English

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### Instruction Sheets

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

Japanese

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

Japanese