

1-1744416-1 ✓ ACTIVE



### Economy Power

TE Internal #: 1-1744416-1

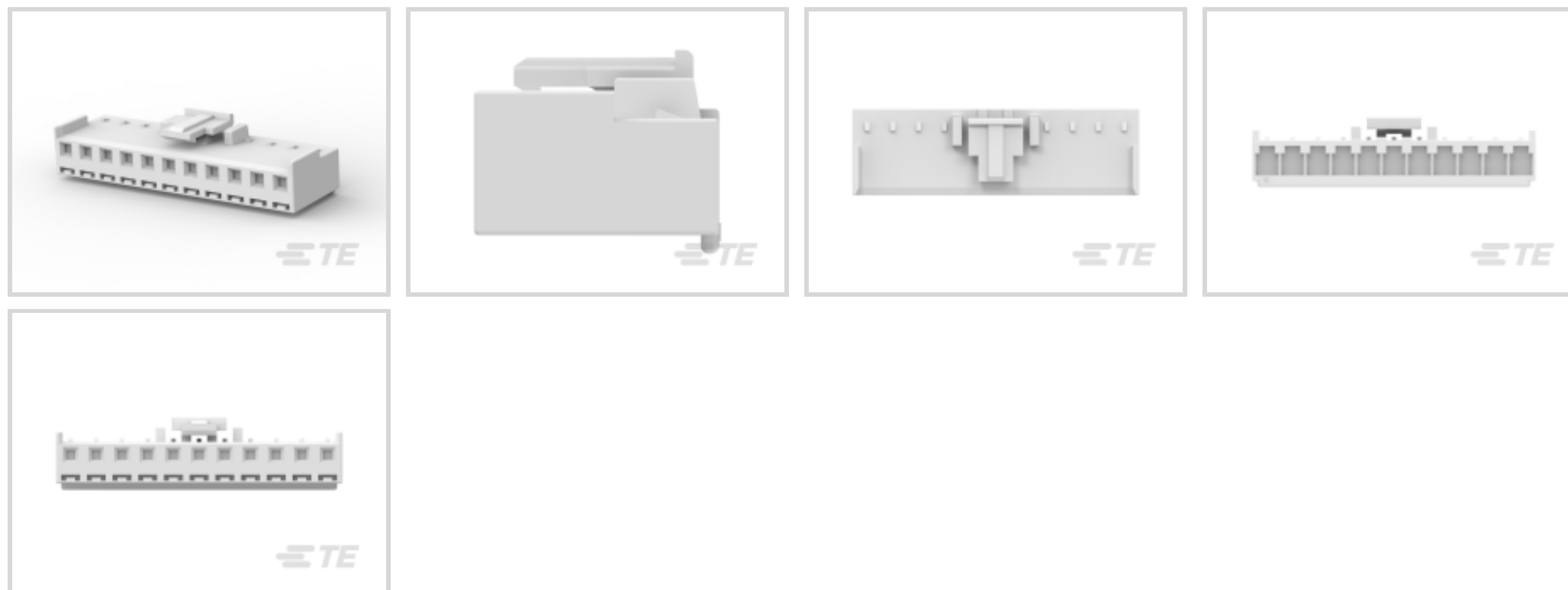
Housing, Receptacle, Wire-to-Board, 11 Position, 3.96 mm [.156 in]

Centerline, Wire & Cable, UL 94V-0, Economy Power, Rectangular

Power Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

### Features

#### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

#### 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	11
Number of Rows	1

#### Electrical Characteristics

Operating Voltage	600 VAC
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### Contact Features

Contact Layout	Inline
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
Panel Mount Feature	Without
Mating Retention Type	Locking Latch, Latch
PCB Mount Retention	Without
Mating Retention	With
Mating Alignment Type	Polarization
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

### Housing Features

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

### Dimensions

Product Length	44.12 mm [1.734 in]
Connector Height	11 mm [.432 in]

### Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 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	GWT 750°C (Without Flame)

### Packaging Features

Packaging Quantity	500
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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1-1123723-1  
3.96 EP HDR ASSY 11P(NATURAL)



TE Part # 1-1744489-1  
3.96 EP HDR ASY 11P NO PEG, GW



TE Part # 7-1123724-6  
7.92EP HDR ASSY 6(11)P NATURAL GWT



TE Part # 1-647676-1  
3.96 EP HDR ASSY 11P R/A



TE Part # 3-1123723-1  
3.96 EP HDR ASSY 11P(BLUE)



TE Part # 1-1123724-6  
7.92EP HDR ASSY 6P NATURAL



TE Part # 1-1744037-1  
11P EC PWR.200 CL HDR ASSY VRT



TE Part # 1-1744048-1  
11P EC PWR.200 CL HDR ASSY RA



TE Part # 1-1744055-1  
3.96 EP HDR ASSY 11P VERT HT



TE Part # 1-1744056-1  
3.96 EP HDR ASSY 11P R/A HT



TE Part # 1-1744057-1  
3.96 EP HDR ASSY 11P W/PEGS



TE Part # 1-1744427-1  
EP Header Asy,Shrouded,11 Pos, GW



TE Part # 1-1744428-1  
3.96 EP HDR ASSY 11P R/A, GW



TE Part # 1-1744429-1  
3.96 EP HDR ASSY 11P W/PEGS, GW




TE Part # 1-1744498-0  
10P EP-II HOUSING, BLACK



TE Part # 1-1744524-1  
EP 11P HEADER ASY NO 6,10 PINS


Also in the Series | Economy Power



Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



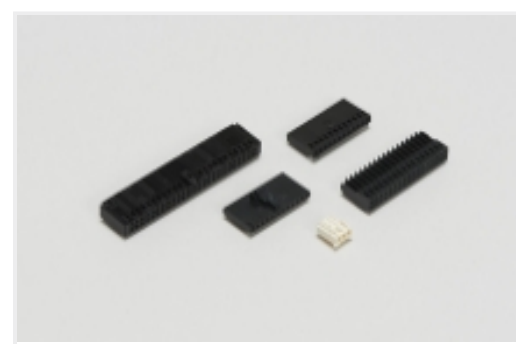
PCB Headers & Receptacles(402)



Rectangular Connector Housings(1)

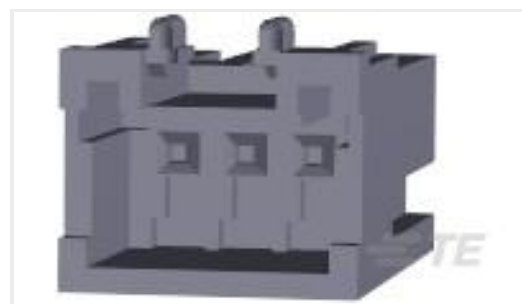


Rectangular Power Connectors(57)



Wire-to-Board Connector Assemblies & Housings(141)

## Customers Also Bought



TE Part #316087-1  
2.5 SIGNAL D/LOCK CAP HSG 3P



TE Part #179466-1  
AMP POWER DBL LOCK CAP HSG 6P



TE Part #1969443-4  
EP 2.5 TPA Retainer, 4 Pos



TE Part #2005542-1  
BLOWER MOTOR 3P PLUG



TE Part #917704-1  
2.5 SIGNAL DBL LOCK D.L.P. 8P



TE Part #917695-1  
2.5 SIGNAL D/LOCK PLUG HSG 11P



TE Part #1376476-1  
2.5 SIGNAL MATE REC CONTACT



TE Part #1744544-7  
EP II TPA 07P, BLACK



TE Part #1-1744544-1  
EP II TPA 11P, BLACK



TE Part #2005543-5  
BLOWER MOTOR 3P DBL YEL

## Documents

### Product Drawings

11 POS EP II HSG, GLOW WIRE

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG\_CVM\_CVM\_1-1744416-1\_E.2d\_dxf.zip



English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1744416-1\\_E.3d\\_igs.zip](#)

English

**Customer View Model**

[ENG\\_CVM\\_CVM\\_1-1744416-1\\_E.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**

[Economy Power II \(EP II\) Glow Wire test compliant connectors](#)

English

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

English

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**Product Specifications**

[Application Specification](#)

English

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**Instruction Sheets**

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

English

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**Agency Approvals**

[VDE Certificate](#)

English