

1744416-4 ✓ ACTIVE

Economy Power

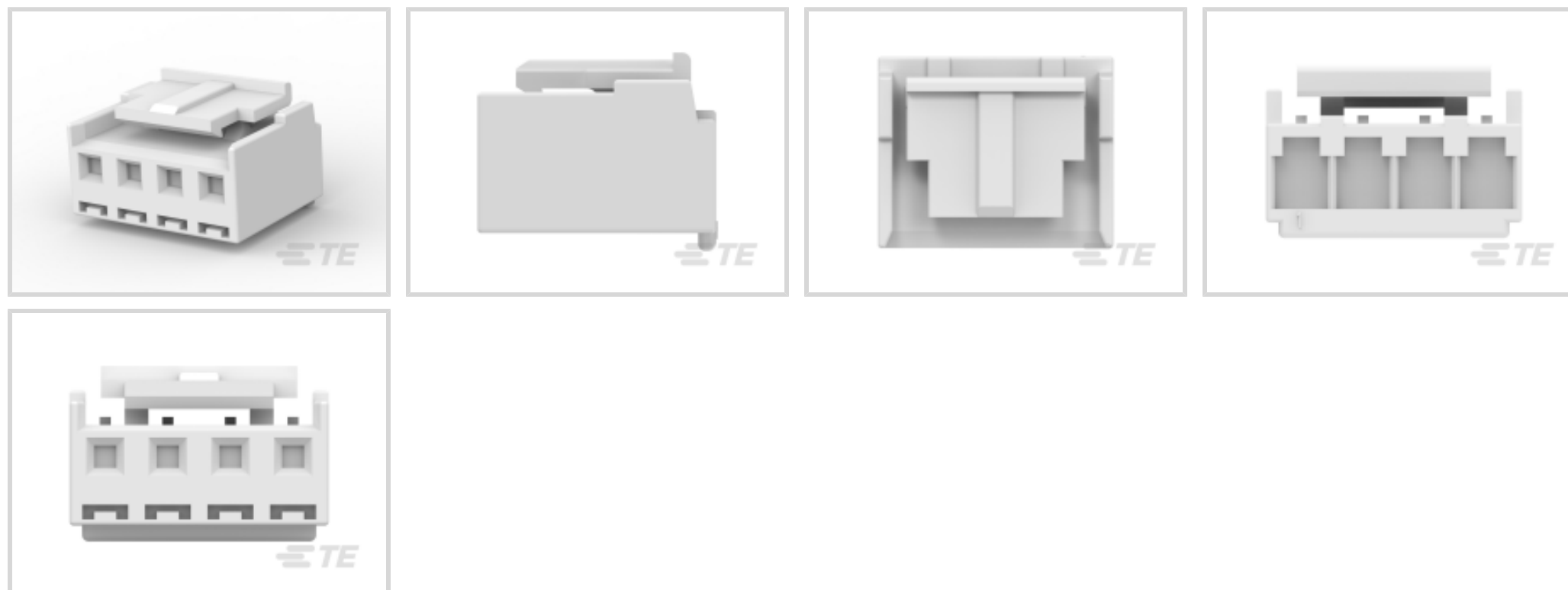
TE Internal #: 1744416-4

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 4 Position, .156 in [3.96 mm] Centerline, Wire & Cable, UL 94V-0, Economy Power

[View on TE.com >](#)



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: **4**

Centerline (Pitch): **3.96 mm [.156 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 | 4 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

Contact Features

| | |
|----------------------------------|------------|
| Contact Layout | Inline |
| Contact Retention Within Housing | Without |
| Contact Type | Receptacle |



Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

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

Housing Features

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

Dimensions

| | |
|--------|-------------------|
| Height | 11 mm [.432 in] |
| Length | 16.4 mm [.645 in] |

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -55 – 105 °C [-67 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Industry Standards

| | |
|------------------------|---------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | GWT 750°C (Without Flame) |

Packaging Features

| | |
|--------------------|------|
| Packaging Method | Bag |
| Packaging Quantity | 1000 |

Other

| | |
|--------------|------|
| For Use With | Plug |
|--------------|------|



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 | 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

| | | | |
|---|---|---|---|
|  <p>TE Part # 1-1123723-4 3.96 EP HDR ASSY 4P(NATURAL)</p> |  <p>TE Part # 1744037-4 04P EC PWR.200 CL HDR ASSY VRT</p> |  <p>TE Part # 1-1123722-4 3.96 EP PLUG HSG 4P(NATURAL)</p> |  <p>TE Part # 1744057-4 3.96 EP HDR ASSY 4P W/PEGS</p> |
|---|---|---|---|




TE Part # 2-1123722-4
3.96 EP PLUG HSG 4P(YELLOW)



TE Part # 2-1123723-4
3.96 EP HDR ASSY 4P(YELLOW)



TE Part # 1-1318300-4
3.96 EP HDR ASSY 4P NAT/TUBE



TE Part # 1744429-4
3.96 EP HDR ASSY 4P W/PEGS, GW



TE Part # 1877285-4
04P EP SHRD HDR ASMY, WHITE



TE Part # 6-1123722-4
3.96 EP PLUG HSG 4P(GREEN)



TE Part # 647676-4
3.96 EP HDR ASSY 4P R/A



TE Part # 1744494-4
04P EP-II HOUSING, YELLOW



TE Part # 2-1473059-3
EP CONN.HDR ASSY 3/4P NATURAL (NO.3 POST)



TE Part # 1744048-4
04P EC PWR.200 CL HDR ASSY RA



TE Part # 1744427-4
EP Header Asy,Shrouded,4 Pos, GW



TE Part # 1744428-4
3.96 EP HDR ASSY 4P R/A, GW



TE Part # 1744489-4
3.96 EP HDR ASY 04P NO PEG, GW



TE Part # 5-1123723-4
3.96 EP HDR ASSY 4P(BLACK)




TE Part # 6-1123723-4
3.96 EP HDR ASSY 4P(GREEN)




TE Part # 1744544-4
EP II TPA 04P, BLACK

Also in the Series | Economy Power



Connector Contacts(1)



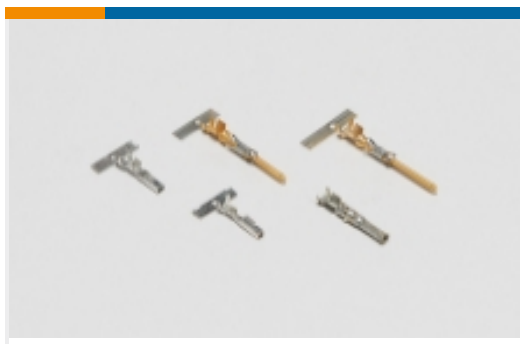
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(166)



PCB Latches, Locks & Retainers(2)



Power Contacts(8)



Rectangular Connector Housings(1)



Rectangular Power Connectors(301)



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



Wire-to-Board Connector Contacts(6)

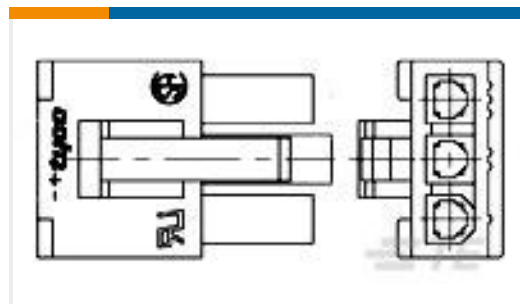
Customers Also Bought



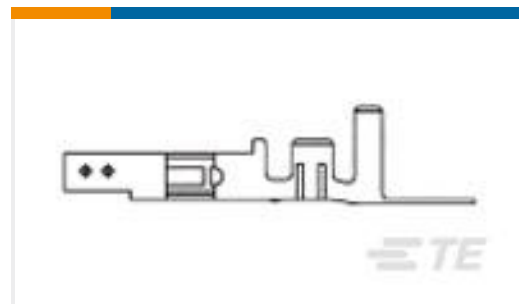
TE Part #1744416-6
6 POS EP II HSG, GLOW WIRE



TE Part #1744416-2
2 POS EP II HSG, GLOW WIRE



TE Part #2029112-3
3P RCPT SR VAL-U-LOK GW



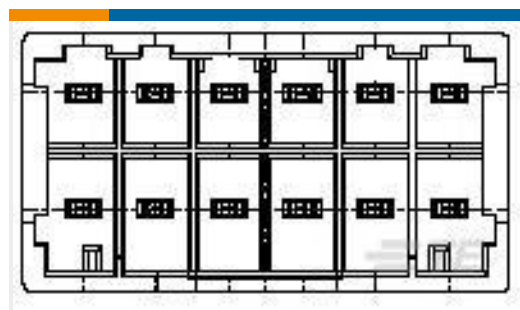
TE Part #794956-3
VAL-U-LOK SKT PHBZ SN 22-18AWG



TE Part #1744144-1
EP-II CONTACT LANCELESS, 22-18



TE Part #1744201-1
EP-II CONTACT LANCELESS, 20-16



TE Part #2-1871571-3
GIC 3.3 HEADER ASSY 12POS



TE Part #1744544-4
EP II TPA 04P, BLACK



TE Part #1241965-6
STD-TIMER GEH 6P

Documents



Product Drawings

4 POS EP II HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1744416-4_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744416-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744416-4_E.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

Economy Power II (EP II) Glow Wire test compliant connectors

English

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

English

Product Environmental Compliance

[MD_1744416-4_061220181217_dmtec](#)

English

[MD_1744416-4_061220181217_dmtec](#)

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English