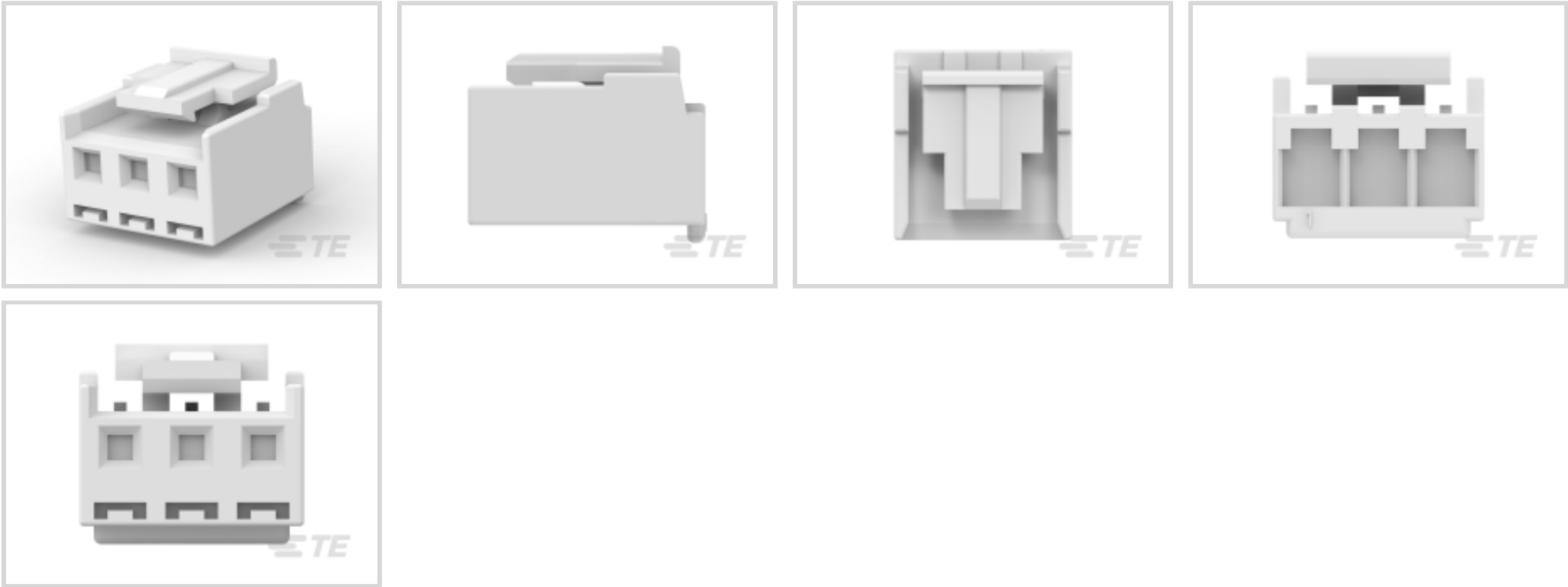




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**  
Mating Alignment: **With**  
Mating Alignment Type: **Polarization**  
Connector & Housing Type: **Receptacle**  
Mating Retention Type: **Latch, Locking Latch**

Features

Product Type Features

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

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows      | 1 |

Electrical Characteristics

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

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

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

Housing Features

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

Dimensions

|                  |                   |
|------------------|-------------------|
| Connector Height | 11 mm[.432 in]    |
| Connector Length | 12.44 mm[.489 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 Quantity | 1000 |
| Packaging Method   | Bag  |

Product Compliance

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

|                              |           |
|------------------------------|-----------|
| EU RoHS Directive 2011/65/EU | Compliant |
|------------------------------|-----------|

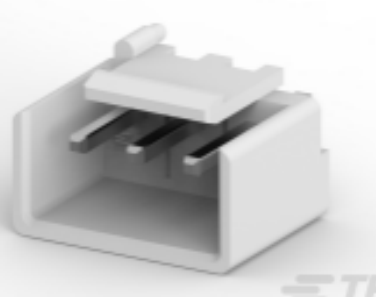
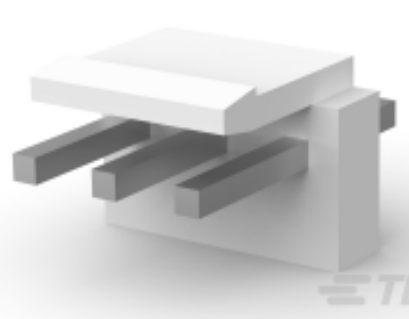
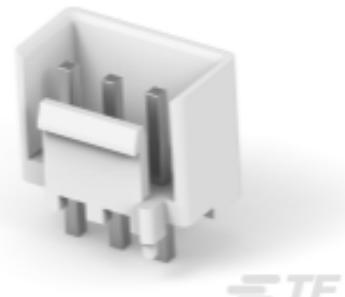
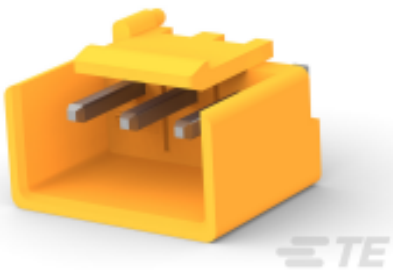
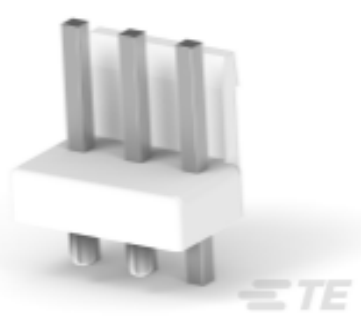
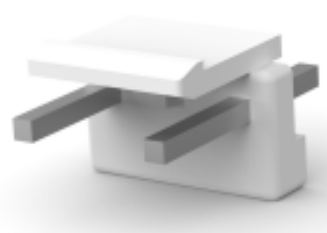


|                                               |                                                                                                                                 |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| EU ELV Directive 2000/53/EC                   | Compliant                                                                                                                       |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold                                                                         |
| EU REACH Regulation (EC) No. 1907/2006        | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>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

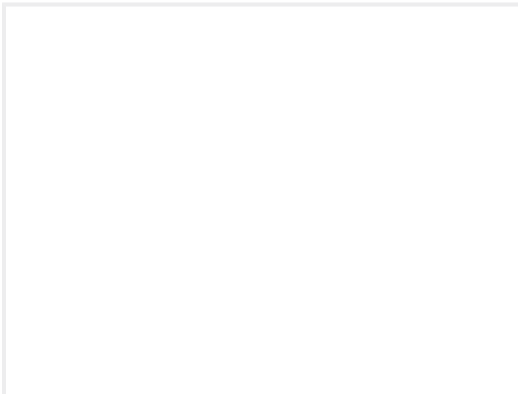
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

|                                                                                                                                                   |                                                                                                                                                         |                                                                                                                                                     |                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>TE Part # 2410284-3<br/>3.96 EP HDR ASY 03P NO PEG, GW</p> |  <p>TE Part # 2309279-3<br/>03P EP SHRD HDR ASY, NO 2 PIN, WHITE</p> |  <p>TE Part # 1744057-3<br/>3.96 EP HDR ASSY 3P W/PEGS</p>     |  <p>TE Part # 1744427-3<br/>EP Header Asy, Shrouded, 3 Pos, GW</p> |
|  <p>TE Part # 1744483-3<br/>03P EP SHRD HDR ASMY, ORANGE</p>   |  <p>TE Part # 7-1123724-2<br/>03P EP HDR HSG V0 GWT NO 02P</p>      |  <p>TE Part # 1744429-3<br/>3.96 EP HDR ASSY 3P W/PEGS, GW</p> |  <p>TE Part # 1744103-1<br/>3.96 EPHDR ASSY 3P OMIT #2 PIN</p>     |



TE Part # 1-1318301-2  
3.96EP HDR ASSY 2(3)P NAT/TUBE



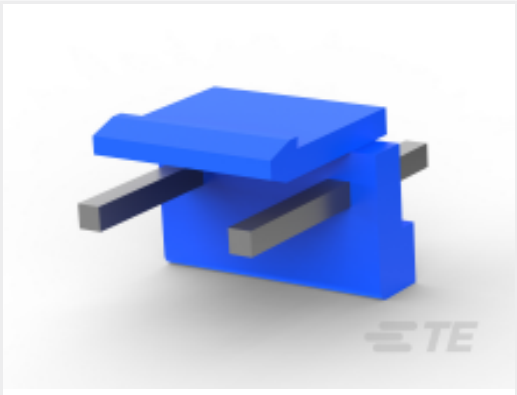
TE Part # 1-1744427-3  
EP Header Assy, Shrouded, 3 Pos, GW, no pin2



TE Part # 6-1123722-3  
3.96 EP PLUG HSG 3P(GREEN)



TE Part # 2-1877285-3  
03P EP SHRD HDR ASMY, BLACK



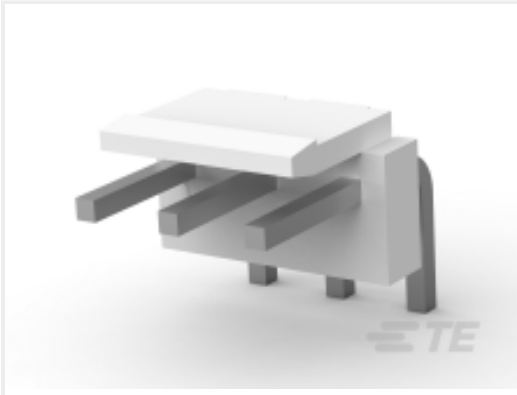
TE Part # 3-1123724-2  
3.96EP HDR ASSY 2(3)P BLUE



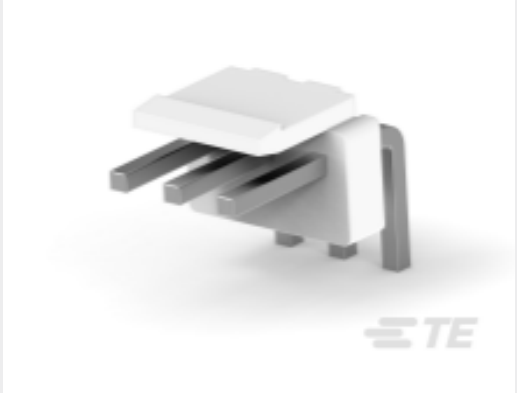
TE Part # 3-1123722-3  
3.96 EP PLUG HSG 3P(BLUE)



TE Part # 1-1318300-3  
3.96 EP HDR ASSY 3P NAT/TUBE



TE Part # 1744048-3  
03P EC PWR.200 CL HDR ASSY RA



TE Part # 1744428-3  
3.96 EP HDR ASSY 3P R/A, GW



TE Part # 7-1123722-3  
3.96 EP PLUG HSG 3P(NATURAL)



TE Part # 1744493-3  
03P EP-II HOUSING, ORANGE



TE Part # 5-1123722-3  
3.96 EP PLUG HSG 3P(BLACK)

Also in the Series | Economy Power



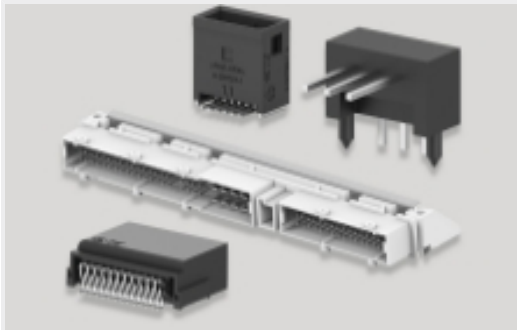
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



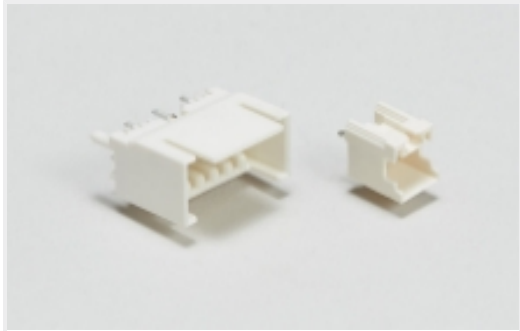
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)



Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #800249-SF  
FN388-2-21



TE Part #292175-4  
CT BOX HDR V SMT 4P O/TAPE NAT



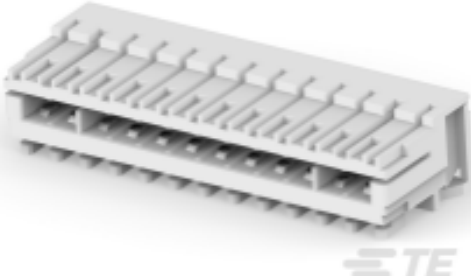
TE Part #1-292230-2  
1.5 MINI CT SGL V SMT W/BOSS 1



TE Part #626279-1  
RING TONGUE 0.5-1.50 MM2  
PLAINNUBR



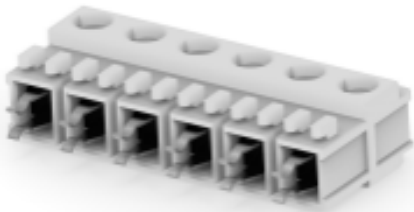
TE Part #3-1376392-5  
5MM POWER KEY 4P PLUG 2ROW YEL



TE Part #2-1534797-2  
AMP DUOPLUG MK2 CONNECTOR  
12P



TE Part #6-2293382-2  
AMP MONO-SHAPE TAB CONN 2P. G



TE Part #2376193-6  
6P MONOPLUG POWER ISOLATION  
VERSION



TE Part #2837719-2  
OCEAN-2.0-APPLICATOR-S-  
042F059O-RSA



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

Documents

Product Drawings

3 POS EP II HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1744416-3\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1744416-3\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1744416-3\_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

7-1773458-5\_ECONOMY\_POWER\_QRG

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English