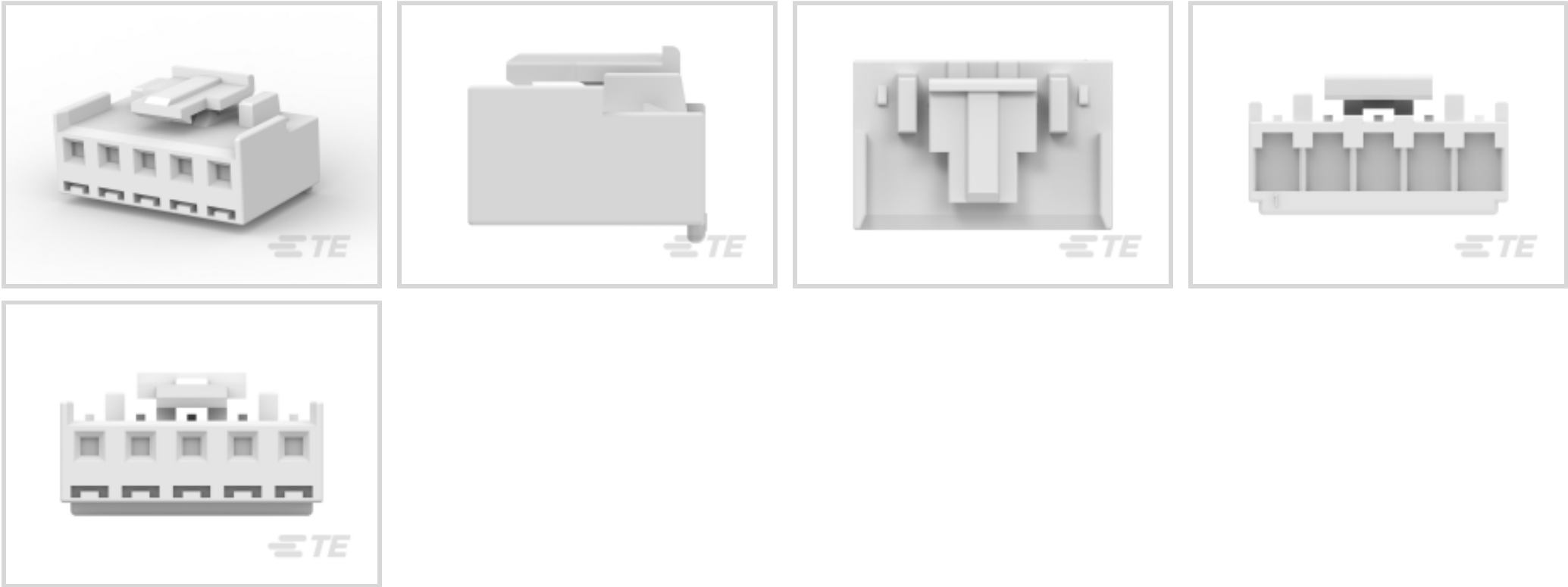




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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 | 5 |
| 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

|                                      |                            |
|--------------------------------------|----------------------------|
| Compatible Insulation Diameter Range | 1.7 – 3 mm[.067 – .118 in] |
| Connector Width                      | 13.3 mm[.524 in]           |
| Connector Height                     | 11 mm[.433 in]             |
| Connector Length                     | 20.36 mm[.8 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                                                                                    |

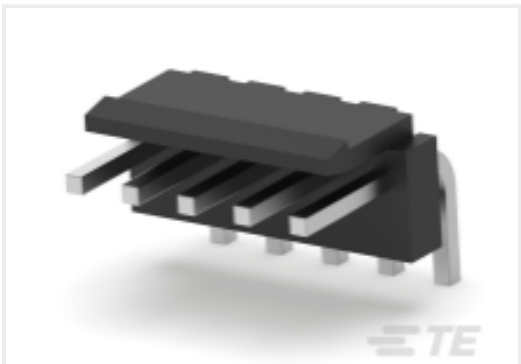
Product Compliance Disclaimer

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



TE Part # 1744525-5  
EP RA 05P HEADER ASY NO 3 PIN



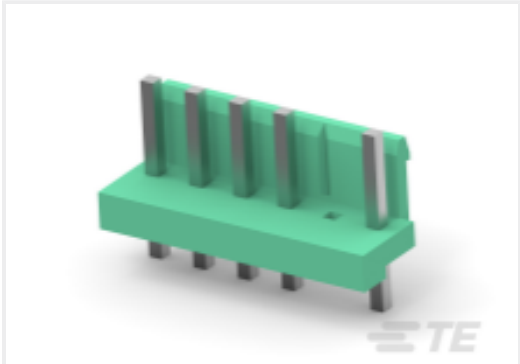
TE Part # 1744056-5  
3.96 EP HDR ASSY 5P R/A HT



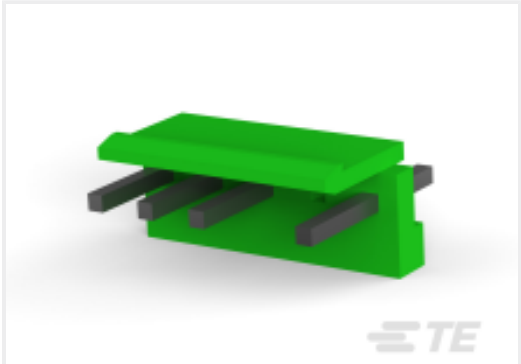
TE Part # 2410284-5  
3.96 EP HDR ASY 05P NO PEG, GW



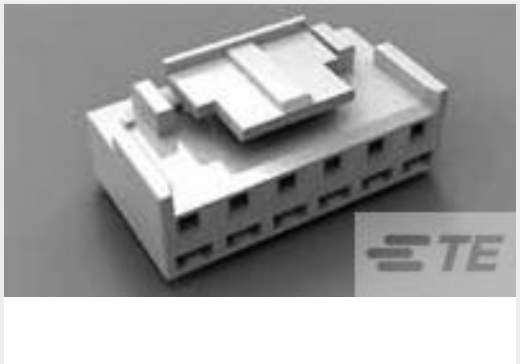
TE Part # 5-1717011-4  
EP CONN.HDR ASSY 4/5POS-W/O NO.2



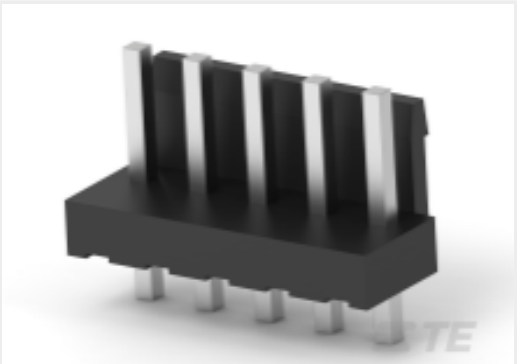
TE Part # 5-1717011-5  
EP CONN.HDR ASSY 5/6POS-W/O NO.5



TE Part # 3-1717011-4  
EP CONN.HDR ASSY 4/5P GREEN W /O#4



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



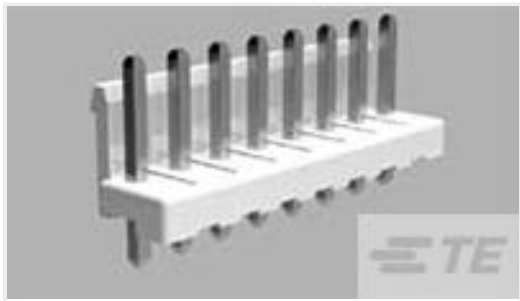
TE Part # 1744055-5  
3.96 EP HDR ASSY 5P VERT HT



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



TE Part # 5-1717011-3  
EP CONN. HDR ASSY 3/5P SPECIAL



TE Part # 2-1123723-5  
3.96 EP HDR ASSY 5P(YELLOW)



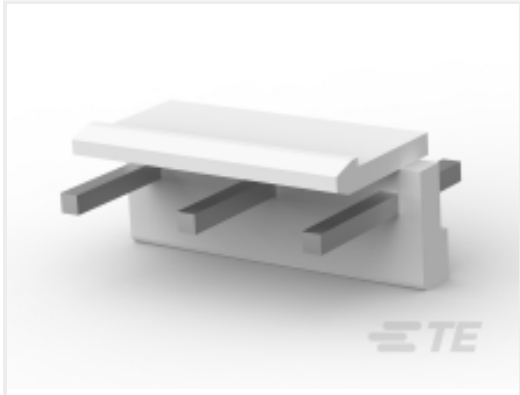
TE Part # 1744201-1  
EP-II CONTACT LANCELESS, 20-16



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



TE Part # 6-1123722-5  
3.96 EP PLUG HSG 5P(GREEN)



TE Part # 7-1123724-3  
3.96EP HDR ASSY 3(5)P (NATURAL GWT)



TE Part # 1744427-5  
EP Header Asy, Shrouded, 5 Pos, GW



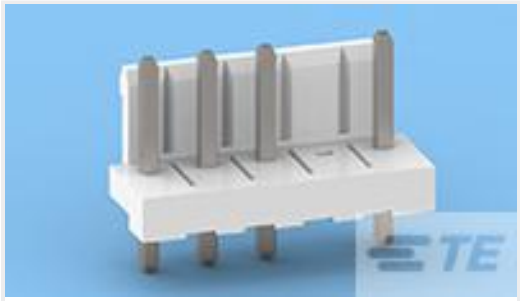
TE Part # 1744494-4  
04P EP-II HOUSING, YELLOW



TE Part # 1744105-2  
3.96 EPHDR ASSY 5P OMIT #2 PIN



TE Part # 1744428-5  
3.96 EP HDR ASSY 5P R/A, GW



TE Part # 2-1565036-1  
EP CONN. HDR ASSY 4/5POS (NATURAL GWT)

Also in the Series | Economy Power



Connector Contacts(13)



Connector Hardware(2)



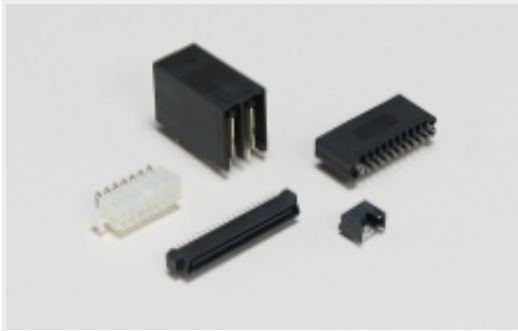
Power Contacts(7)



Rectangular Connector Housings(104)



Rectangular Power Connectors(547)



Standard Rectangular Connectors(104)



Wire-to-Board Connector Assemblies & Housings(104)

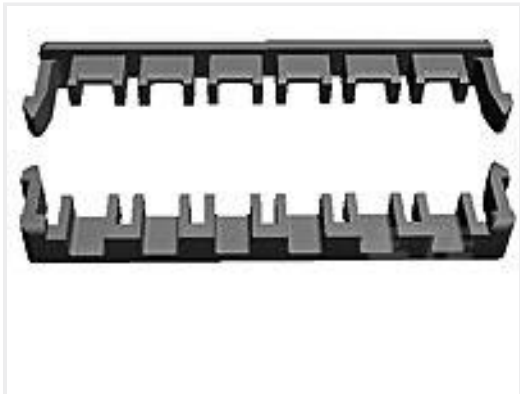
Customers Also Bought



TE Part #T4162114005-004  
RPC-M12-5MS-3.0SH-M12-5FR-PVC



TE Part #5-177912-1  
POWER D/LOCK CAP HSG 10P NAT (GWT)



TE Part #1376397-1  
5MM POWER KEY D/L PLATE GREEN



TE Part #1742354-1  
PL 250 REC 16-18AWG PTBR



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



TE Part #4-1971793-1  
NEW GI CONN2.5 PLUG HSG 4P NC



TE Part #2232557-1  
NEW GI CONN2.5 REC. CONTACT



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



TE Part #1744416-4  
4 POS EP II HSG, GLOW WIRE



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

Documents

Product Drawings

5 POS EP II HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_1744416-5\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1744416-5\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_1744416-5\_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