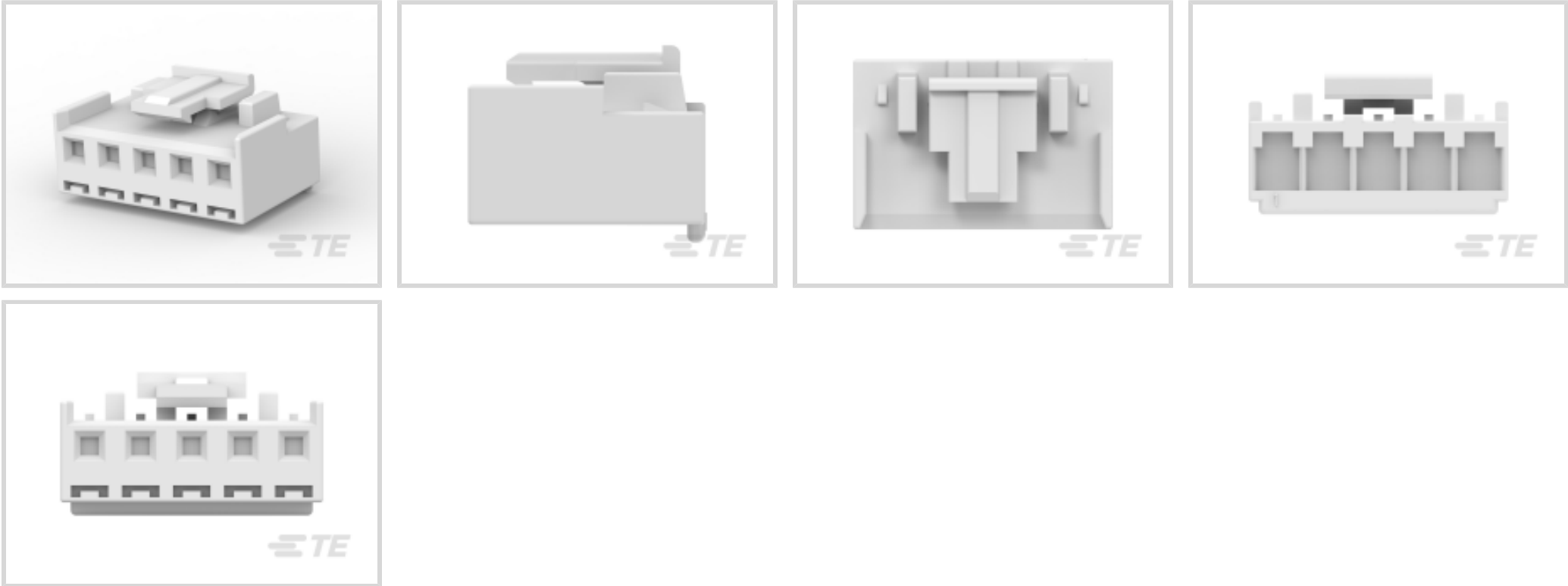




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Alignment Type: **Polarization**

Mating Retention: **With**

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
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Layout	Inline
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Contact Type	Receptacle
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

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]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

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

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2-1744435-5
EP 05P V-HDR ASY NO 4 PIN



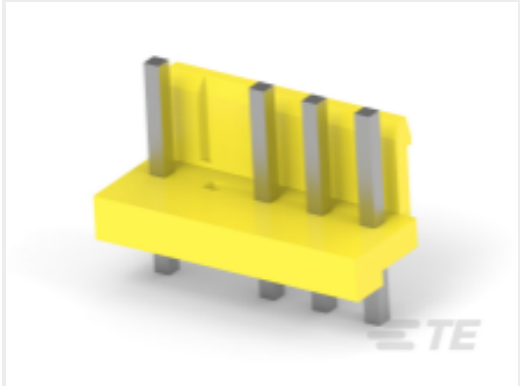
TE Part # 2309279-5
05P EP SHRD HDR ASY,NO 2 PIN, WHITE



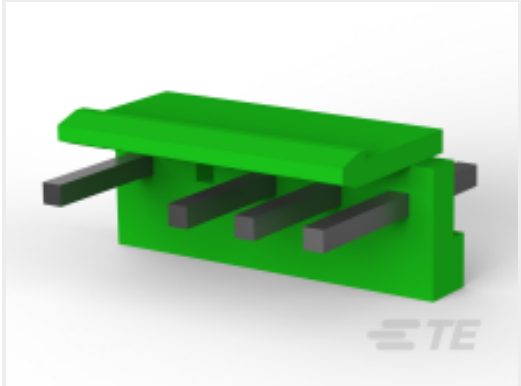
TE Part # 5-1123724-3
3.96EP HDR ASSY 3(5)P BLACK



TE Part # 2-1123724-3
3.96EP HDR ASSY 3(5)P YELLOW



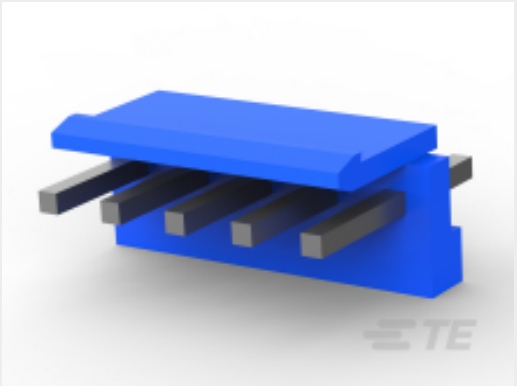
TE Part # 7-1717011-4
EP CONN.HDR ASSY 4/5POS-W/O NO.2



TE Part # 6-1717011-4
EP CONN.HDR ASSY 4/5POS-W/O NO.2



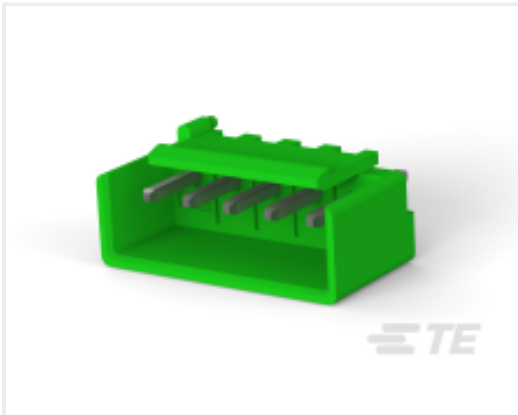
TE Part # 2312042-5
EP II HSG, 5POS.,GLOW WIRE



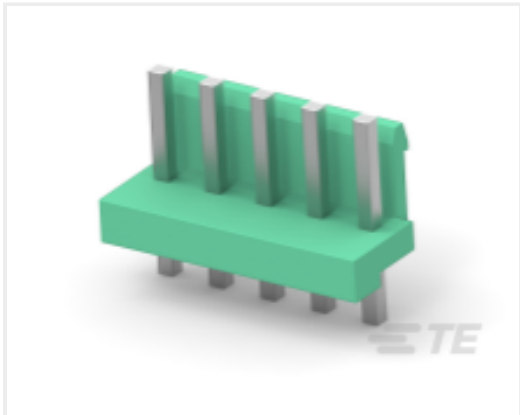
TE Part # 3-1123723-5
3.96 EP HDR ASSY 5P(BLUE)



TE Part # 1744037-5
05P EC PWR.200 CL HDR ASSY VRT



TE Part # 1744485-5
05P EP SHRD HDR ASMY, GREEN



TE Part # 6-1123723-5
3.96 EP HDR ASSY 5P(GREEN)



TE Part # 4-1123722-5
3.96 EP PLUG HSG 5P(RED)



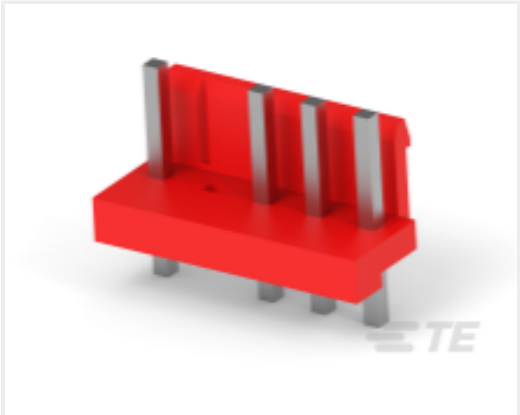
TE Part # 5-1123722-5
3.96 EP PLUG HSG 5P(BLACK)



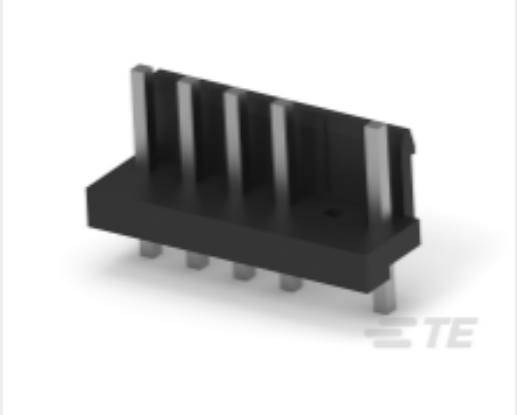
TE Part # 2-1717011-4
EP CONN.HDR ASSY 4/5P NATURAL (NO.3 POST)



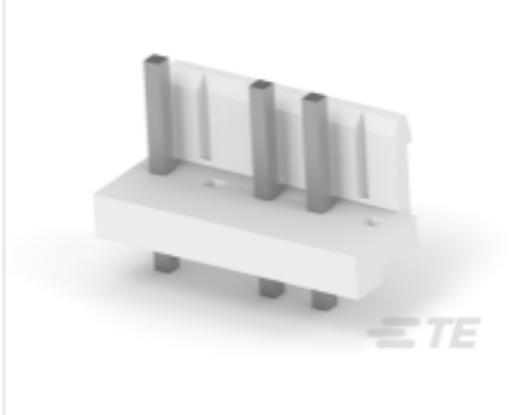
TE Part # 2-1717011-5
EP CONN.HDR ASSY 5/6POS-W/O NO.5



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



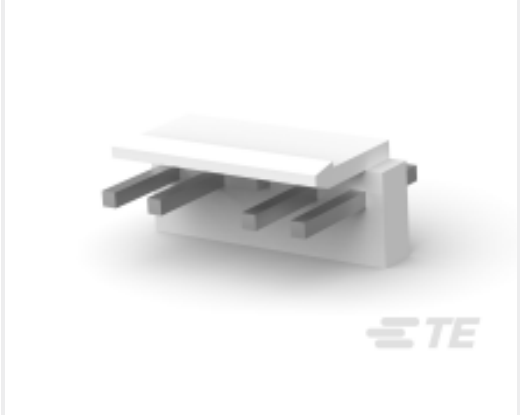
TE Part # 4-1717011-5
EP CONN.HDR ASSY 5/6POS-W/O NO.5



TE Part # 4-1717011-3
EP CONN. HDR ASSY 3/5P SPECIAL



TE Part # 3-1123724-3
3.96EP HDR ASSY 3(5)P BLUE



TE Part # 1744291-1
EP HDR ASSY 5P W/PEG,NAT,W/0#3

Also in the Series | Economy Power



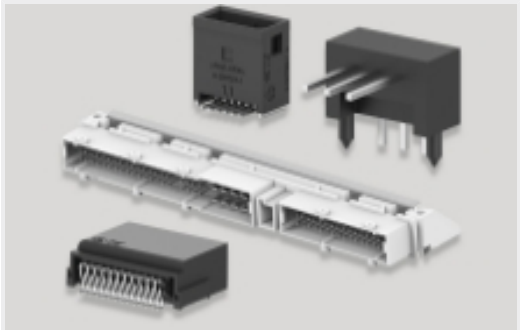
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



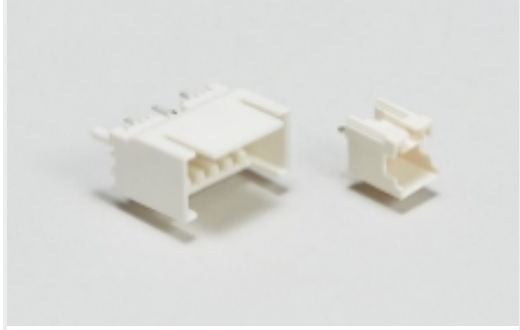
PCB Headers & Receptacles(402)



Power Contacts(9)



Rectangular Power Connectors(460)



Wire-to-Board Headers & Receptacles (402)

Customers Also Bought



TE Part #1744416-8
8 POS EP II HSG, GLOW WIRE



TE Part #316062-1
POWER DBL LOCK PLATE 3P /6.5MM



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



TE Part #4-1971794-1
NEW GI CONN2.5 TPA 4P BLACK



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



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



TE Part #1744544-3
EP II TPA 03P, BLACK



TE Part #2132781-7
07P EP-II HOUSING, NATURAL



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



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

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

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

English

Instruction Sheets

Instruction Sheet (U.S.)

English

Agency Approvals

VDE Certificate

English