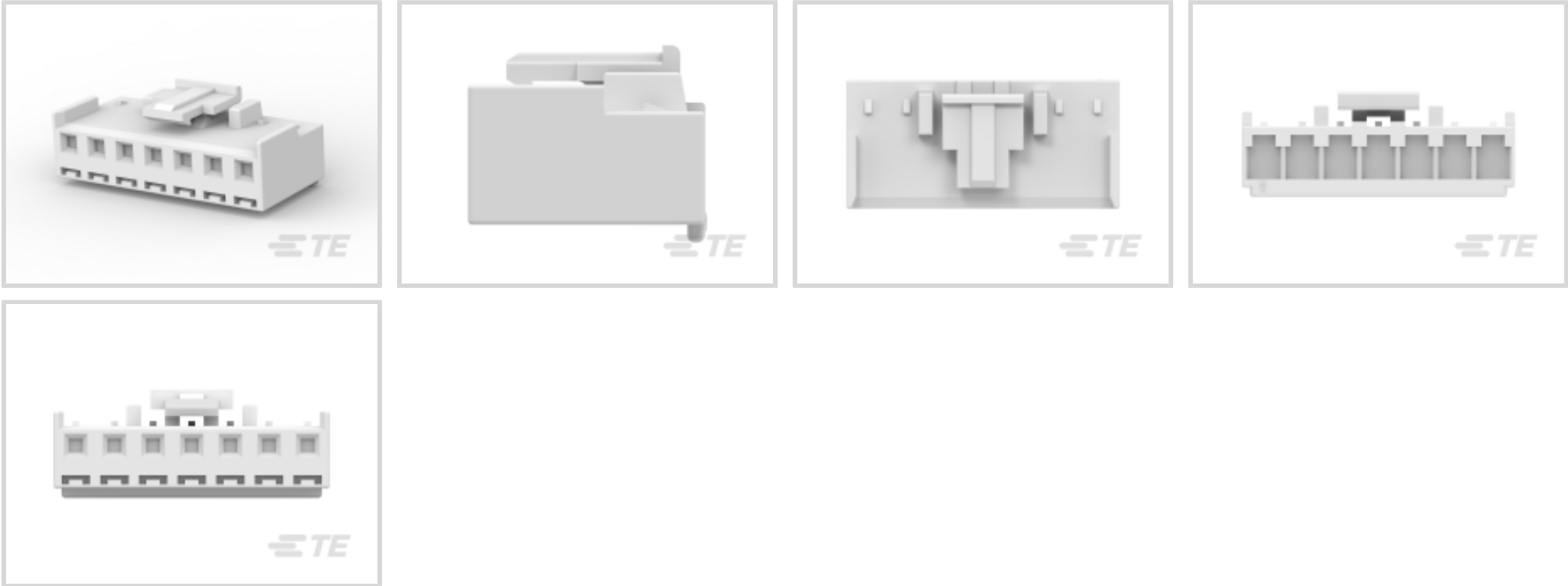




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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	7
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

Connector Height	11 mm[.432 in]
Connector Length	28.28 mm[1.111 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
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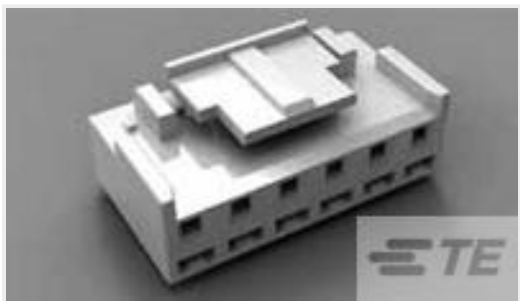


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not 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



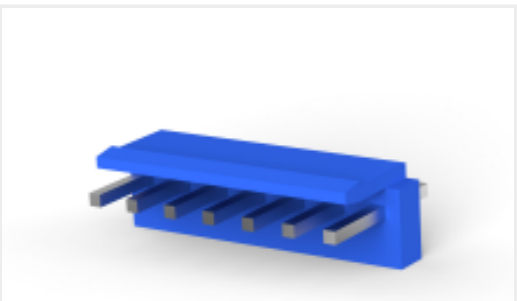
TE Part # 4-1123722-7
3.96 EP PLUG HSG 7P(RED)



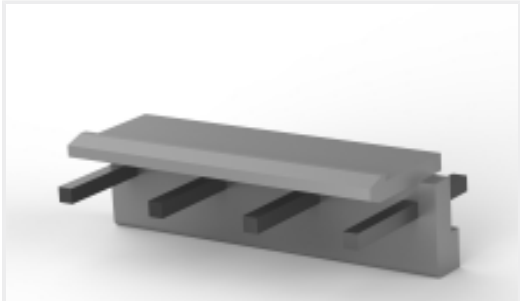
TE Part # 4-1123724-4
3.96EP HDR ASSY 4(7)P RED



TE Part # 8-1565036-6
EP CONN.HDR ASSY 6/7POS SPECIA



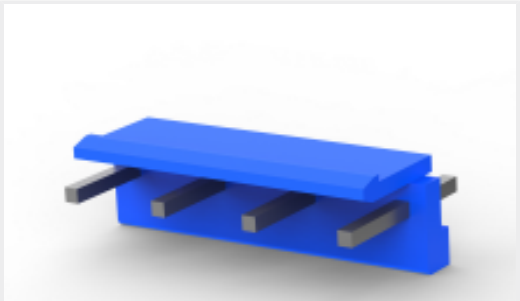
TE Part # 2-1744057-7
3.96 EP HDR ASSY 7P W/PEGS, BLUE



TE Part # 7-1123724-4
EP CONN.HDR ASSY 4/7P GRAY (NO. 2,4,6 POS



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



TE Part # 3-1123724-4
3.96EP HDR ASSY 4(7)P BLUE



TE Part # 1744067-7
07P EC PWR.200 CL ASSY RA WO#5





TE Part # 1744037-7
07P EC PWR.200 CL HDR ASSY VRT



TE Part # 1744048-7
07P EC PWR.200 CL HDR ASSY RA



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



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



TE Part # 7-1123724-1
3.96EP HDR ASSY 4(7)P (NATURAL GWT)



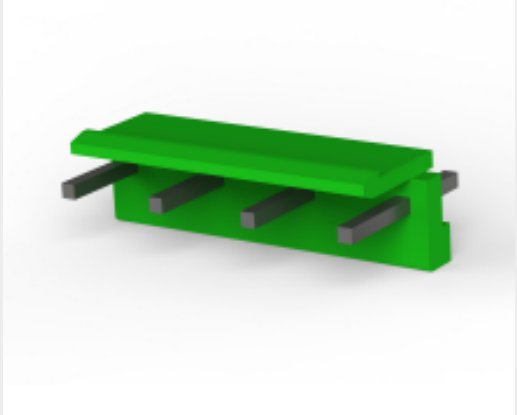
TE Part # 7-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)



TE Part # 2-1123724-4
3.96EP HDR ASSY 4(7)P YELLOW



TE Part # 2-1123722-7
3.96 EP PLUG HSG 7P(YELLOW)



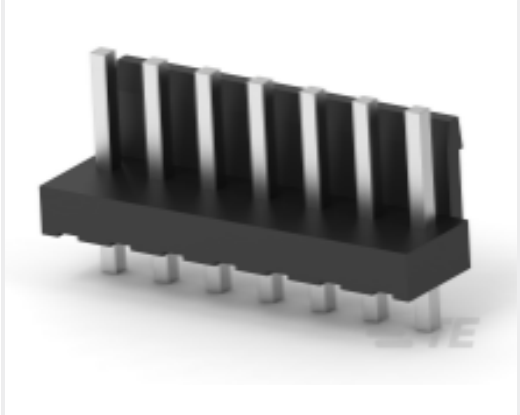
TE Part # 6-1123724-4
3.96EP HDR ASSY 4(7)P GREEN



TE Part # 1744107-2
3.96 EPHDR ASSY 7P OMIT #3 PIN



TE Part # 1-1473059-5
3.96 EP CONN. HDR ASSY 5/7P(W/O4, 6)



TE Part # 1744055-7
3.96 EP HDR ASSY 7P VERT HT

Also in the Series | Economy Power



Connector Contacts(15)



Connector Hardware(2)



Power Contacts(9)



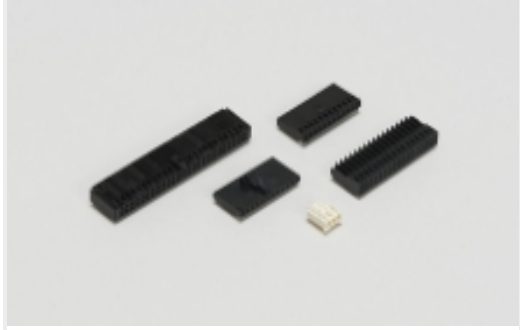
Rectangular Connector Housings(58)



Rectangular Power Connectors(460)



Standard Rectangular Connectors(58)



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

Customers Also Bought



TE Part #1744201-1
[EP-II CONTACT LANCELESS, 20-16](#)



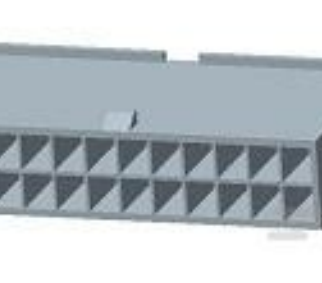
TE Part #1-1744416-1
[11 POS EP II HSG, GLOW WIRE](#)



TE Part #1969443-5
[EP 2.5 TPA Retainer, 5 Pos](#)



TE Part #1-2323743-0
[HOUSING, PLUG, GWT, 10P, DUAL ROW, EP2.5](#)



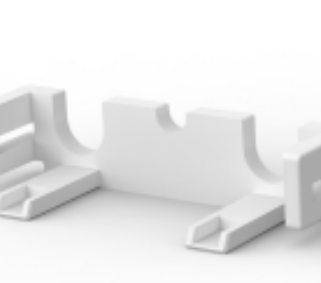
TE Part #2296206-2
[2P FH PLUG VAL-U-LOK FH GWT/V0](#)



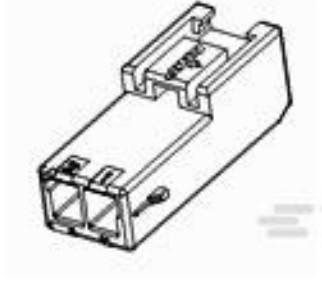
TE Part #1744416-9
[9 POS EP II HSG, GLOW WIRE](#)



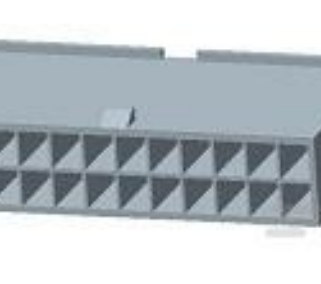
TE Part #1744144-1
[EP-II CONTACT LANCELESS, 22-18](#)



TE Part #2108743-1
[POWER 2P DBL L/PRO NAT](#)



TE Part #2005248-1
[PDL 2P CAP 3.96 F/H\(GWT\) NAT](#)



TE Part #2296206-4
[4P FH PLUG VAL-U-LOK FH GWT/V0](#)

Documents

Product Drawings

[7 POS EP II HSG, GLOW WIRE](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1744416-7_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744416-7_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744416-7_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