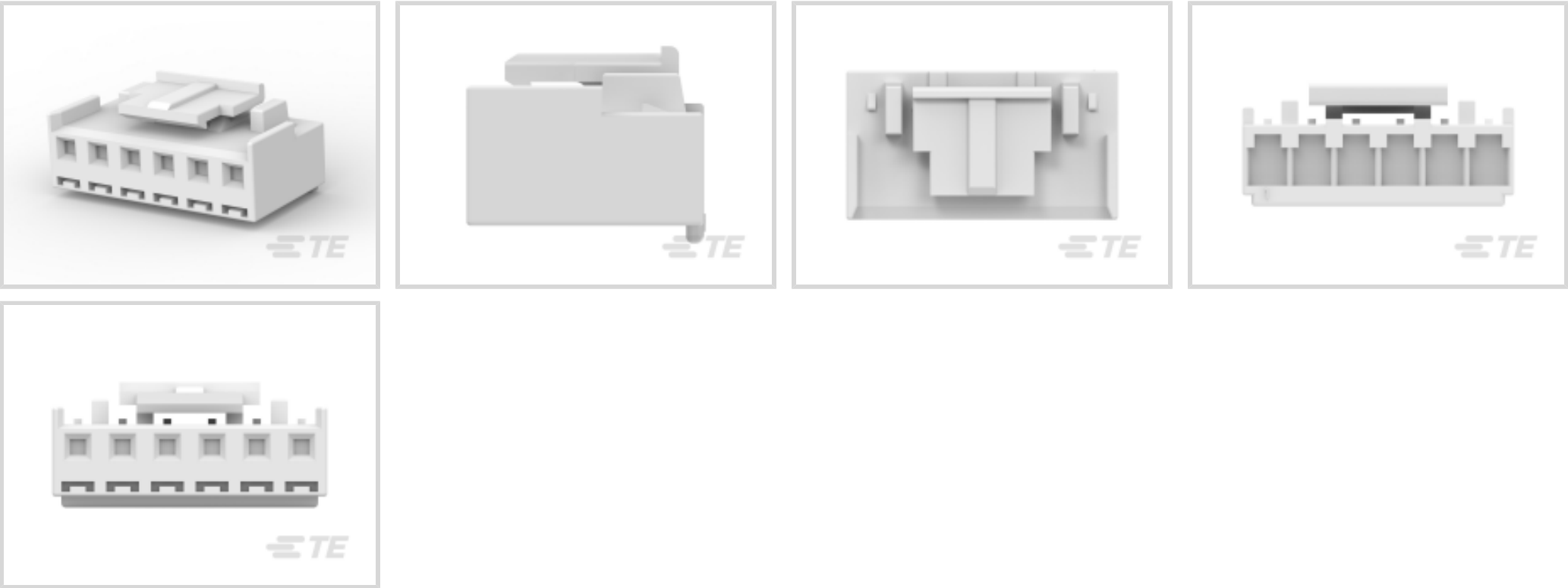




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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	6
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
Contact Retention Within Housing	Without



Contact Type	Receptacle
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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 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	24.32 mm[.956 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

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
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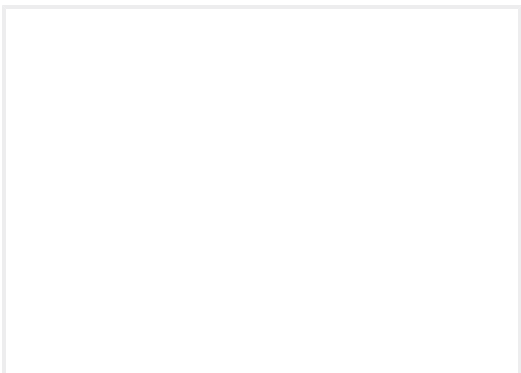
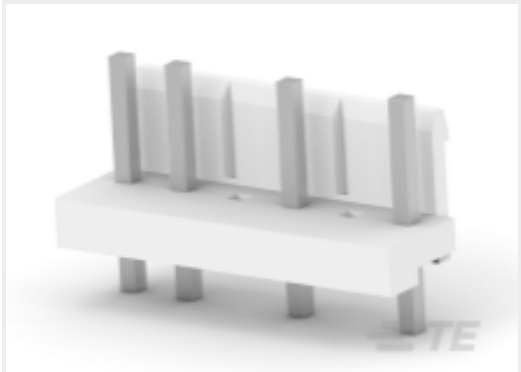


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
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 # 2-1744428-6 EP II,HDR 6P,R/A,omit 2,5,W/ POST, GWT	 TE Part # 1-647676-6 3.96 EP HDR ASSY 6P R/A, omitted pin 2	 TE Part # 5-1565035-4 EP CONN. HDR ASSY 4/6P SPECIAL WO,2,4 P	 TE Part # 6-1123722-6 3.96 EP PLUG HSG 6P(GREEN)
 TE Part # 2-1123723-6 3.96 EP HDR ASSY 6P(YELLOW)	 TE Part # 1565606-4 EP CONN HEADER ASS'Y 4/6P SPEC	 TE Part # 2-1877285-6 06P EP SHRD HDR ASMY, BLACK	 TE Part # 1-1565036-6 EP CONN.HDR ASSY 6/7POS-W/O NO.6



TE Part # 1-1565034-3
EP CONN HDR ASSY 3/6P SPECIAL



TE Part # 1744524-6
EP 06P HEADER ASY NO 4 PIN



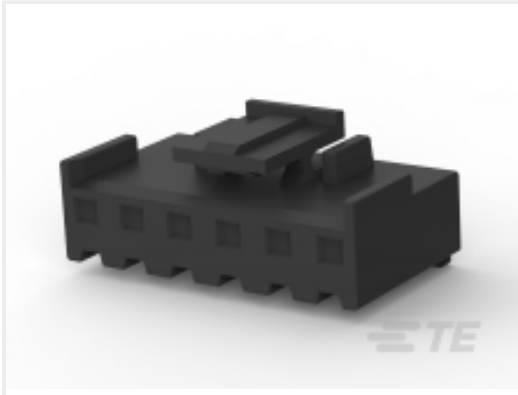
TE Part # 1744495-5
05P EP-II HOUSING, GREEN



TE Part # 1744544-6
EP II TPA 06P, BLACK



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



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



TE Part # 2-1744524-6
EP 06P HEADER ASY NO 2 PIN



TE Part # 2410284-6
3.96 EP HDR ASY 06P NO PEG, GW



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



TE Part # 4-1565036-6
EP CONN.HDR ASSY 6/7POS-W/O NO.2



TE Part # 3-1123723-6
3.96 EP HDR ASSY 6P(BLUE)



TE Part # 6-1565036-6
EP CONN.HDR ASSY 6/7POS-W/O NO.2

Also in the Series | Economy Power



Connector Contacts(13)



Connector Hardware(2)



Power Contacts(7)



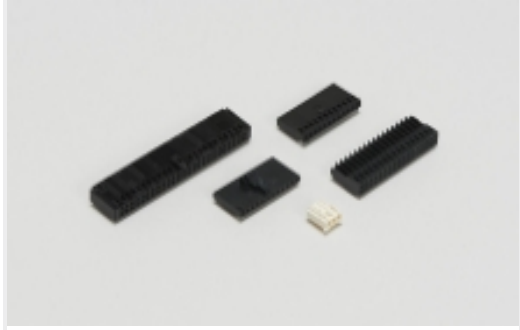
Rectangular Connector Housings(104)



Rectangular Power Connectors(547)



Standard Rectangular Connectors(104)



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

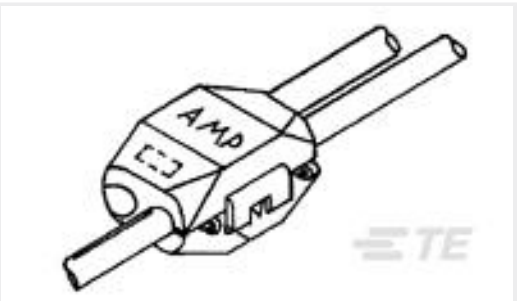
Customers Also Bought



TE Part #4751363001
55M0414-26-4



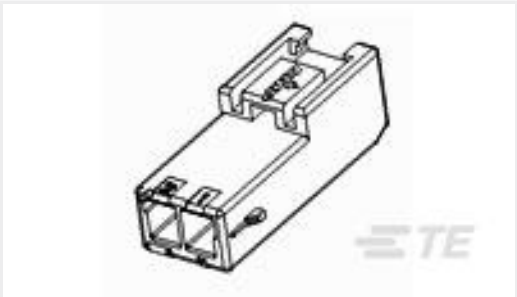
TE Part #1-34070-1
PG BUTT SPLC 22-16COMM22-18MIL



TE Part #53440-1
ELECTRO-TAP, 18-14 AWG RUN&TAP



TE Part #440129-8
2.0MM,HSG,8POS



TE Part #2005248-1
PDL 2P CAP 3.9% F/H(GWT) NAT



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



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



TE Part #1744416-9
9 POS EP II HSG, GLOW WIRE



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



TE Part #341412-2
PL 250 REC TERMINAL AWG PTPB LP

Documents

Product Drawings
6 POS EP II HSG, GLOW WIRE

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744416-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744416-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744416-6_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