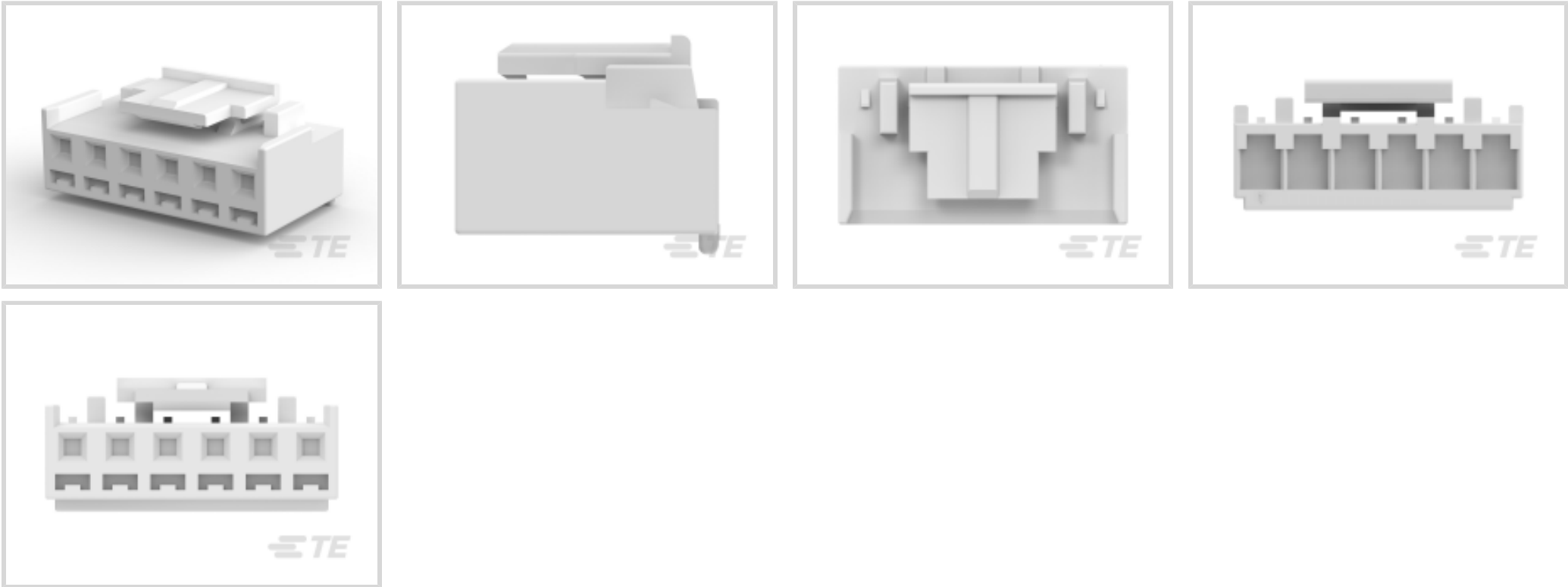




Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**

Connector & Housing Type: **Receptacle**

Mating Alignment: **With**

Mating Retention: **With**

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

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Contact Layout	Inline
Contact Base Material	Phosphor Bronze
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 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	13.3 mm[.523 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	Standard Part - Not Glow Wire
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: JUNE 2024 (241) 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>

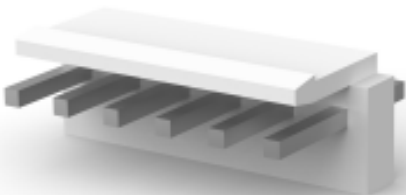
Compatible Parts



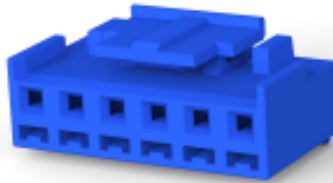
TE Part # 2-1565036-6
EP CONN.HDR ASSY 6/7POS-W/O NO.2



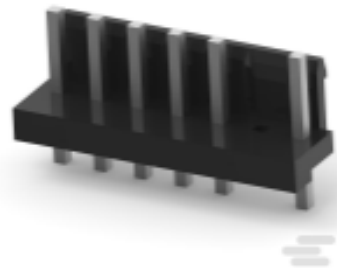
TE Part # 2110989-1
EP 2.5 RCPT CONTACT, 26-22 AWG



TE Part # 1744057-6
3.96 EP HDR ASSY 6P W/PEGS



TE Part # 1744496-6
06P EP-II HOUSING, BLUE



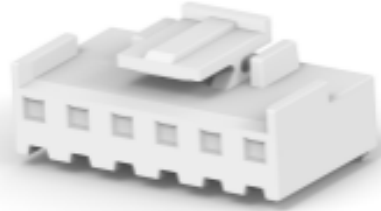
TE Part # 1-1565036-6
EP CONN.HDR ASSY 6/7POS-W/O NO.6



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



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



TE Part # 7-1123722-6
3.96 EP PLUG HSG 6P(NATURAL)



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



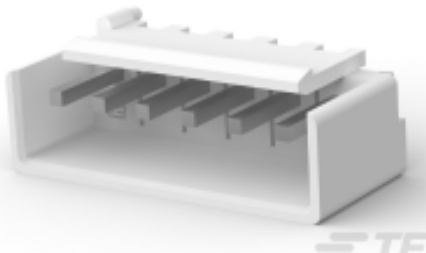
TE Part # 6-1565036-6
EP CONN.HDR ASSY 6/7POS-W/O NO.2



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



TE Part # 1744428-6
3.96 EP HDR ASSY 6P R/A, GW

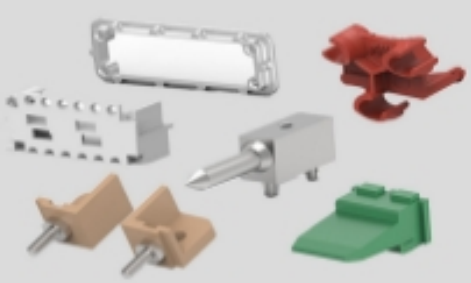


TE Part # 1877285-6
06P EP SHRD HDR ASMY, WHITE

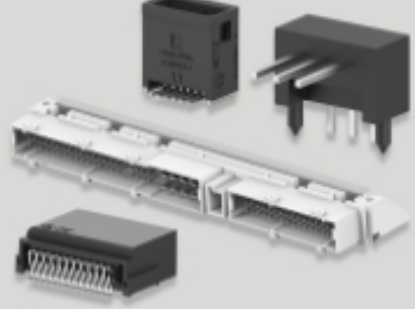
Also in the Series | Economy Power II



Connector Contacts(3)



Connector Hardware(10)



PCB Headers & Receptacles(2)



Power Contacts(3)



Rectangular Connector Housings(22)



Rectangular Power Connectors(24)



Standard Rectangular Connectors(22)

Customers Also Bought



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



TE Part #2132781-5
05P EP-II HOUSING, NATURAL



TE Part #1-1969442-4
EP 2.5 TPA Housing, 14 Pos



TE Part #1-2315717-2
STD TIMER PLUG HSG 2P MKII



TE Part #EP96376001
VERSAFIT-1/4-0-30MM



TE Part #2132781-3
03P EP-II HOUSING, NATURAL



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



TE Part #1-1969443-4
EP 2.5 TPA Retainer, 14 Pos



TE Part #2132781-8
08P EP-II HOUSING, NATURAL



TE Part #6-1534796-4
AMP DUOPLUG MARK II CONNECTOR

Documents

Product Drawings

06P EP-II HOUSING, NATURAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2132781-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2132781-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2132781-6_E.3d_stp.zip

English

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Datasheets & Catalog Pages



1-1773885-9 Economy Power Connectors

English

7-1773458-5_ECONOMY_POWER_QRG

English

7-1773461-5_EPII_CONNECTOR_TPA_DEVICE

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English