



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Connector & Housing Type: **Plug**
Mating Retention Type: **Latch, Locking Latch**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
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	250 VDC
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Body Features

Primary Product Color	Natural
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Contact Features

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Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle
Contact Current Rating (Max)	7.5 A

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)	5.08 mm[.2 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	10.5 mm[.413 in]
Connector Length	24.22 mm[.954 in]

Usage Conditions

Operating Temperature Range	-25 – 105 °C[-13 – 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	Standard Part - Not Glow Wire

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) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 5-1717011-4
EP CONN.HDR ASSY 4/5POS-W/O NO.2



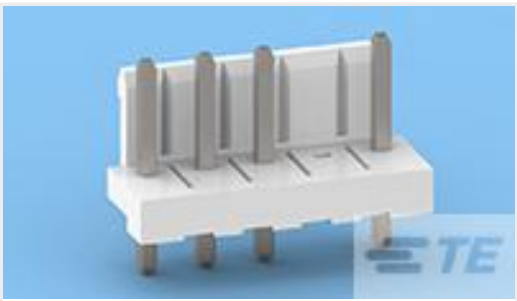
TE Part # 5-1717011-5
EP CONN.HDR ASSY 5/6POS-W/O NO.5



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



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



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



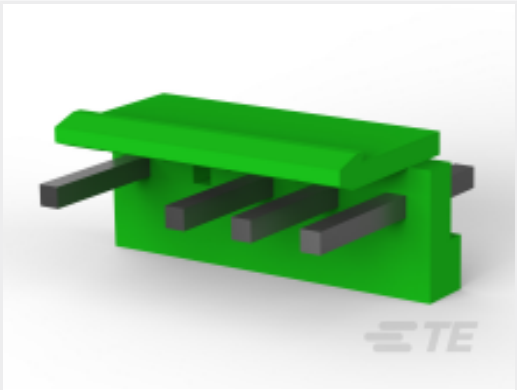
TE Part # 2-1717011-5
EP CONN.HDR ASSY 5/6POS-W/O
NO.5



TE Part # 2-1744036-6
06P ECONOMY POWER .200 CL HSG



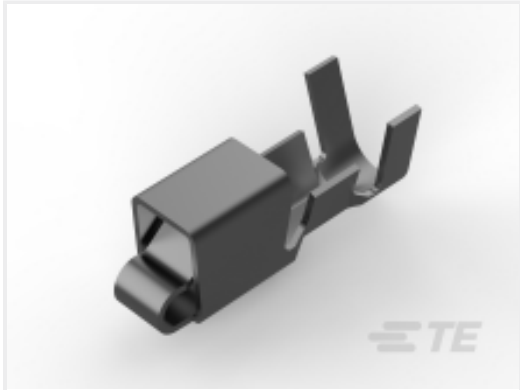
TE Part # 1744048-5
05P EC PWR.200 CL HDR ASSY RA



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



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



TE Part # 1123721-2
ECONOMY POWER CONN REC
CONT



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



TE Part # 7-1123722-5
3.96 EP PLUG HSG 5P(NATURAL)

Also in the Series | Economy Power



Connector Contacts(13)



Connector Hardware(2)



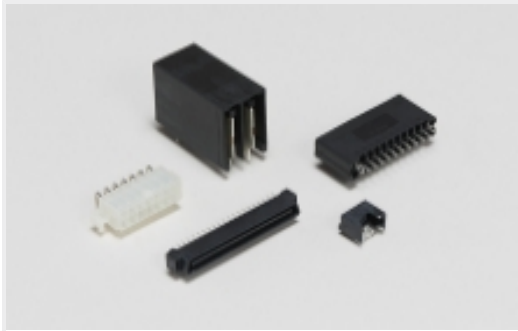
Power Contacts(7)



Rectangular Connector Housings(104)



Rectangular Power Connectors(547)

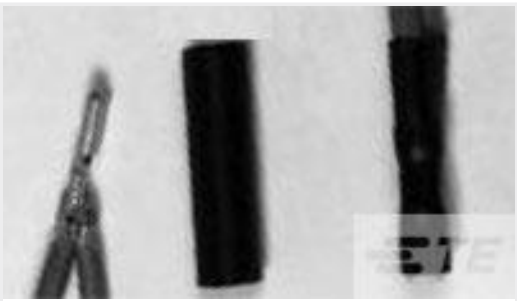


Standard Rectangular Connectors(104)



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

Customers Also Bought



TE Part #520206P036
[RT-3-NO.1-0-1IN](#)



TE Part #42036-2
[RING TERMINAL 22-18 AWG BR](#)



TE Part #CAT-H857-H817225
[AMP HPI 2.5 mm Receptacle Housings](#)



TE Part #521411-2
[ULTRA-POD 250 ASY REC 22-18 AWG TPBR](#)



TE Part #521600-2
[ULTRA-POD 187 ASY REC 22-18 AWG TPBR](#)



TE Part #1742354-1
[PL 250 REC 16-18AWG PTBR](#)



TE Part #1-1744036-0
[10P ECONOMY POWER .200 CL HSG](#)



TE Part #1744544-7
[EP II TPA 07P, BLACK](#)

Documents

Product Drawings

[05P ECONOMY POWER .200 CL HSG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1744036-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744036-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1744036-5_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[7-1773458-5_ECONOMY_POWER_QRG](#)

English

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

1744036-5

5 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-0, 5.08 mm [.2 in] Centerline,
1 Row, 250 VAC, Wire & Cable, Power & Signal, Economy Power



[Agency Approvals](#)

[VDE Certificate](#)

English