



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	7
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	34.38 mm[1.354 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	500
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 # 5-1565036-6
EP CONN.HDR ASSY 6/7P BLACK W /O#2



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



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



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





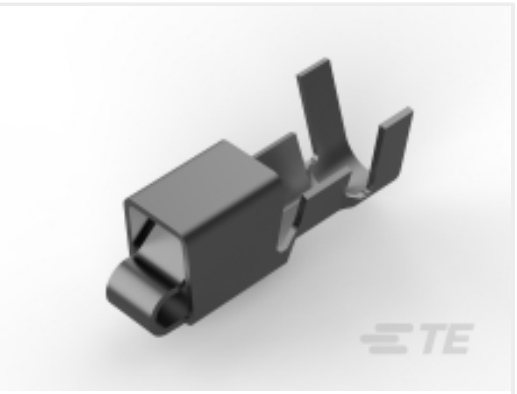
TE Part # 1744048-7
07P EC PWR.200 CL HDR ASSY RA



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



TE Part # 1744357-7
3.96 EP SHROUDED HDR ASSY 7P W /PEGS



TE Part # 1123721-2
ECONOMY POWER CONN REC CONT



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

Also in the Series | Economy Power



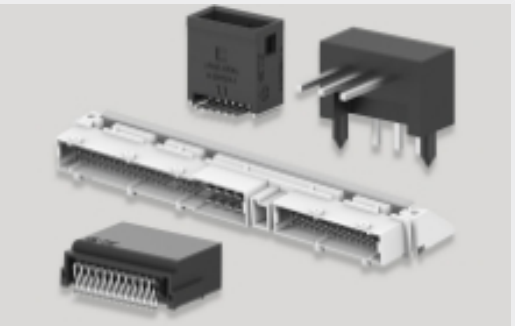
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



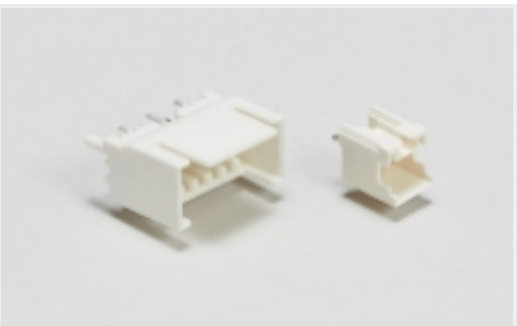
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)



Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #33467
TERMINAL,SOLIS R 6 3/8



TE Part #34110
SOLIS R 22-16 COMM 22-18 MIL 6



TE Part #60413-1
FF 250 REC 22-18AWG TPBR



TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #1-917657-5
DYNAMIC D-3200M HDR ASSY 10P V



TE Part #2-1416100-0
ST3FLC4



TE Part #1-1939760-4
HDR ASSY (H-TYPE) 4POS X-KEY Au



TE Part #5-2213766-9
AV19 DPM 3A POWER LED BLUE 24V



TE Part #1744528-3
EP 03P SHD HDR, PEG NO 2PIN

Documents

Product Drawings

07P ECONOMY POWER .200 CL HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744036-7_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744036-7_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744036-7_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

1744036-7

7 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