1744036-7 ✔ ACTIVE

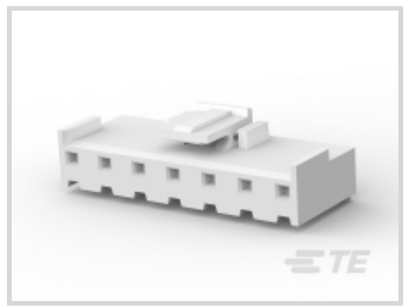
Economy Power

TE Internal #: 1744036-7

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 7 Position, 5.08 mm [.2 in] Centerline, Wire & Cable, UL 94V-0, Economy Power

View on TE.com >

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **7**

Centerline (Pitch): **5.08 mm [.2 in]**

Features

Product Type Features

Rectangular Power Connector 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

Contact Features

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

Contact Type	Receptacle

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarization
Mating Retention	With
Mating Alignment	With
Panel Mount Feature	Without
PCB Mount Retention	Without
Mating Retention Type	Latch, Locking Latch
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Color	Natural
Housing Material	Nylon

Dimensions

Connector Height	10.5 mm[.413 in]
Product Width	13.3 mm[.524 in]
Product Length	34.38 mm[1.354 in]
Compatible Insulation Diameter Range	1.7 - 3 mm[.067 - .118 in]

Usage Conditions

Operating Temperature Range	-25 - 105 °C[-13 - 221 °F]

Operation/Application

Circuit Application	Power & Signal

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	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

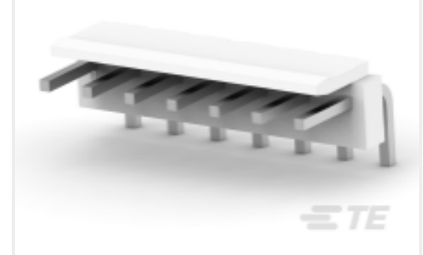
Product Compliance Disclaimer

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

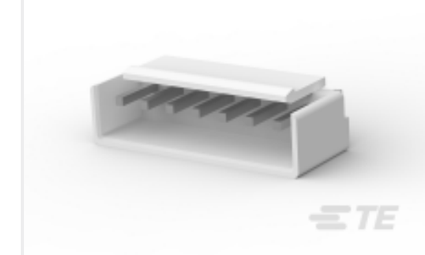
Compatible Parts

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

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



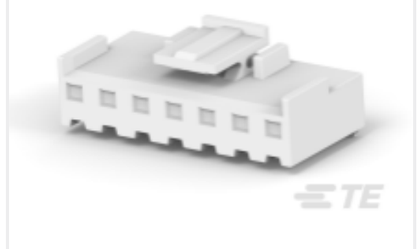
TE Part # 1744048-7
07P EC PWR.200 CL HDR ASSY RA



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

TE Part # 5-1565036-6
EP CONN.HDR ASSY 6/7P BLACK W

/O#2



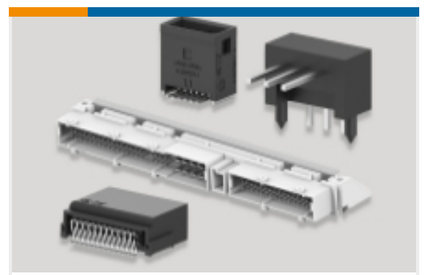
TE Part # 7-1123722-7
3.96 EP PLUG HSG 7P(NATURAL)

Also in the Series | Economy Power

Connector Contacts(15)

Connector Hardware(2)

Insertion & Extraction Tools(1)



PCB Headers & Receptacles(162)

Rectangular Connector Housings(1)

Rectangular Power Connectors(301)

Wire-to-Board Connector Assemblies & Housings(142)

Customers Also Bought

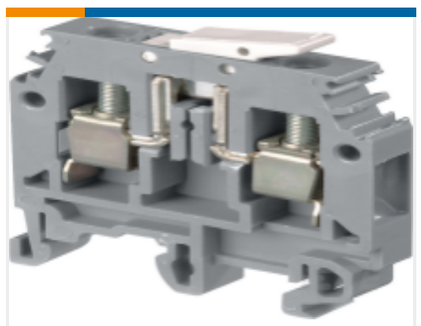
TE Part # 1-794617-6
16POS,MICRO MNL,RCPT HSG

TE Part # 5-103080-5
07 MODII HDR SRST SHRD .100CL

TE Part # 172167-1
4 CIR UNIV M-N-L PLUG

TE Part # 1123721-2
ECONOMY POWER CONN REC CONT

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



TE Part # 1SNA115688R2500
M6/8.SNB

TE Part # 2002235RFAT511C
PRESS XDCR 2002235RFAT511C

TE Part # A1004SC22P6
NTC THERMISTOR ASSEMBLY

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 Conditionsof use.

Datasheets & Catalog Pages

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

Japanese

Application Specification

English