1744036-4 ✔ ACTIVE

Economy Power

TE Internal #: 1744036-4

4 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

View on TE.com >

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	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Natural

Contact Features

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

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	19.14 mm[.754 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	1000
Packaging Method	Bag

Product Compliance

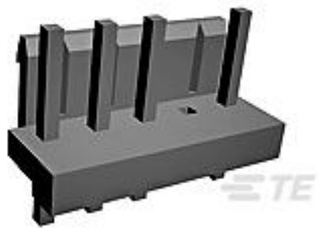
For compliance documentation, visit the product page on TE.com>

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 # 5-1565036-4
EP CONN.HDR ASSY 4/5POS-W/O NO.4



TE Part # 1744037-4
04P EC PWR.200 CL HDR ASSY VRT



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



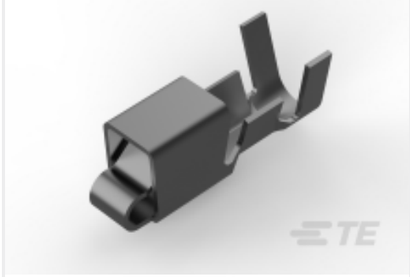
TE Part # 1744048-4
04P EC PWR.200 CL HDR ASSY RA



TE Part # 1-2316953-4
04P EP.200 CL HDR ASSY VRT,NO PIN 1,3



TE Part # 7-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)



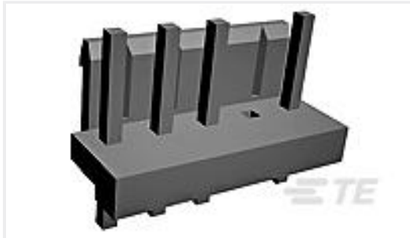
TE Part # 1123721-2
ECONOMY POWER CONN REC CONT



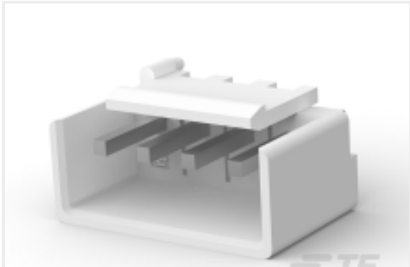
TE Part # 1744144-1
EP-II CONTACT LANCELESS, 22-18



TE Part # 2-1565036-4
EP CONN.HDR ASSY 4/5POS-W/O NO.4



TE Part # 3-1565036-4
EP CONN.HDR ASSY 4/5POS-W/O NO.4



TE Part # 1877285-4
04P EP SHRD HDR ASMY, WHITE

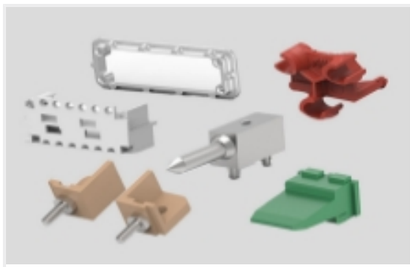


TE Part # 2-1744036-6
06P ECONOMY POWER .200 CL HSG

Also in the Series | Economy Power



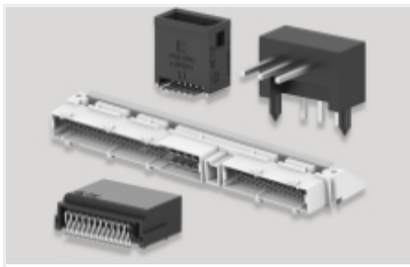
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



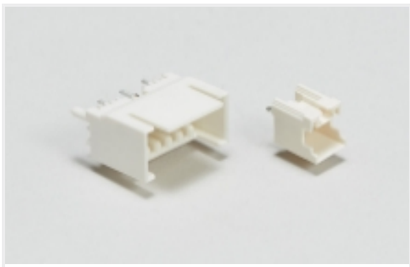
PCB Headers & Receptacles(483)



Power Contacts(9)



Rectangular Power Connectors(581)



Wire-to-Board Headers & Receptacles (483)

Customers Also Bought



TE Part #1318912-1
EP CONN LP REC



TE Part #1744036-2
02P ECONOMY POWER .200 CL HSG



TE Part #1744048-4
04P EC PWR.200 CL HDR ASSY RA



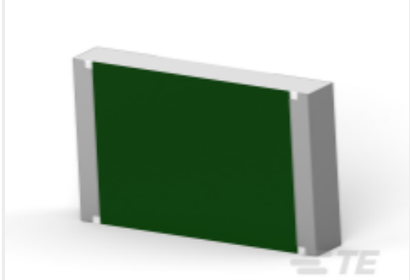
TE Part #1744416-7
7 POS EP II HSG, GLOW WIRE



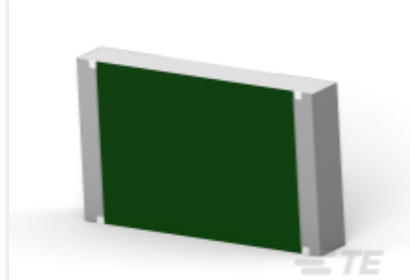
TE Part #1879452-6
TE 750W 2R7 5% Bracket



TE Part #2176345-1
CRGCQ 1210 10R 1%



TE Part #2176400-5
3540 1R5 1%



TE Part #2176400-9
3540 2R2 1%

TE Part #1-2176400-7
3540 4R7 1%

TE Part #2-2176400-5
3540 10R 1%

Documents

Product Drawings

04P ECONOMY POWER .200 CL HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744036-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744036-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744036-4_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Product Specifications

Application Specification

Japanese

Application Specification

English

Agency Approvals

VDE Certificate

English

4 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