1744036-8 ✔ ACTIVE

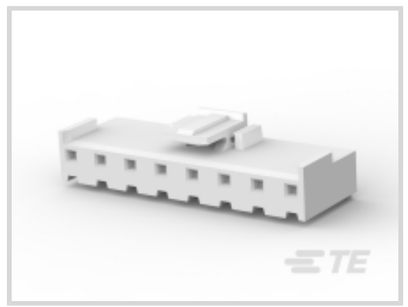
Economy Power

TE Internal #: 1744036-8

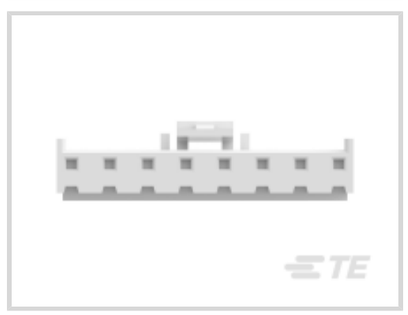
8 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-0, 5.08 mm [.2 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal, Economy Power

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	8
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	39.46 mm[1.554 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	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 # 1744037-8
08P 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

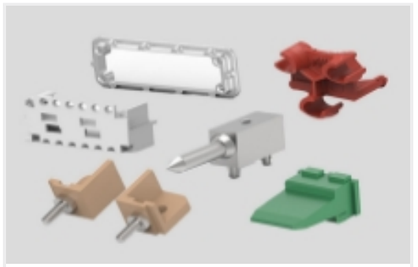


TE Part # 1744201-1
EP-II CONTACT LANCELESS, 20-16

Also in the Series | Economy Power



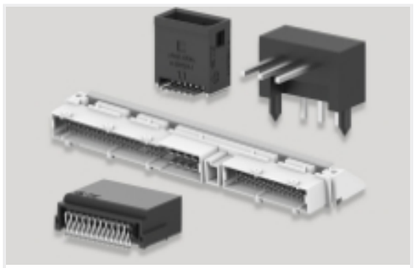
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



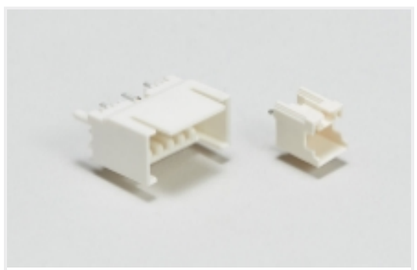
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)

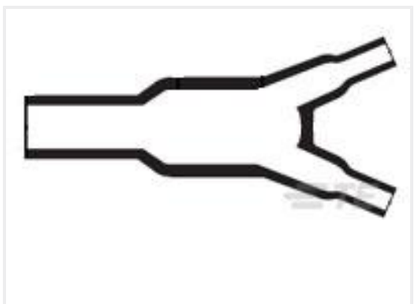


Wire-to-Board Headers & Receptacles (463)

Customers Also Bought



TE Part #1SNG626153R0000
EP-SGL-PG11-BL-B



TE Part #468963-000
382A012-4/86-0



TE Part #62026-1
187 FASTON REC 20-16 AWG TPBR



TE Part #66361-2
III+ PIN,18-14,TIN-LEAD,LP



TE Part #1-66361-3
III+ PIN,18-14,TIN,SMPACK



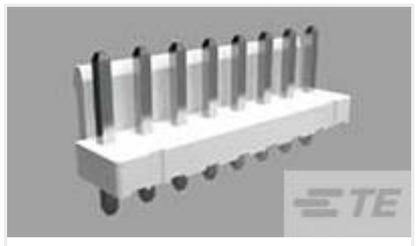
TE Part #170823-1
110 FASTON SLEEVE,TAB, TRANSPARENT,NAT



TE Part #3-643819-7
07P MTA156 CONN ASSY 22AWG RED



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



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



TE Part #1744416-8
8 POS EP II HSG, GLOW WIRE

Documents

Product Drawings

08P ECONOMY POWER .200 CL HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744036-8_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1744036-8_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744036-8_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

Agency Approvals

VDE Certificate

English