1-1744036-2 ✔ ACTIVE

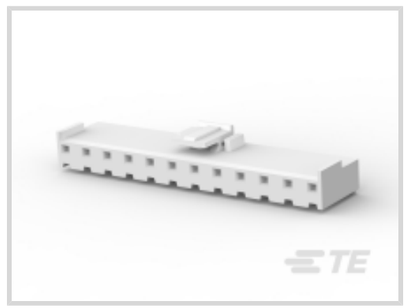
Economy Power

TE Internal #: 1-1744036-2

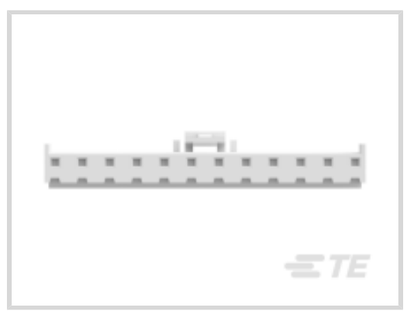
12 Position, Plug, Housing, Crimp, Wire-to-Board, UL 94V-0, 5.08 mm [.2 in] Centerline, 1 Row, 250 VAC, Wire & Cable, Power & Signal, Economy Power

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	12
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	59.78 mm[2.354 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

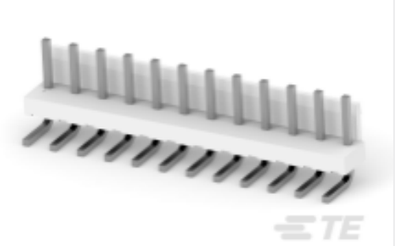
For compliance documentation, visit the product page on TE.com>

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

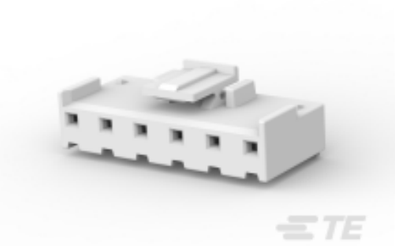
Product Compliance Disclaimer

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

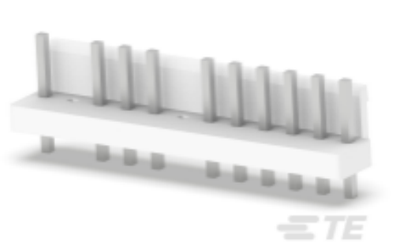
Compatible Parts



TE Part # 1-1744048-2
12P EC PWR.200 CL HDR ASSY RA



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



TE Part # 1-1744524-2
EP 12P HEADER ASY NO 2,6 PINS

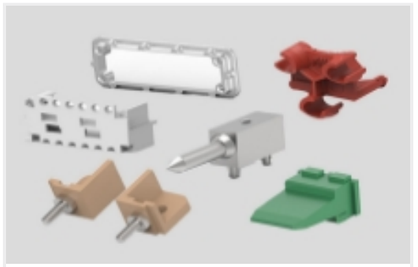


TE Part # 1-1744037-2
12P EC PWR.200 CL HDR ASSY VRT

Also in the Series | Economy Power



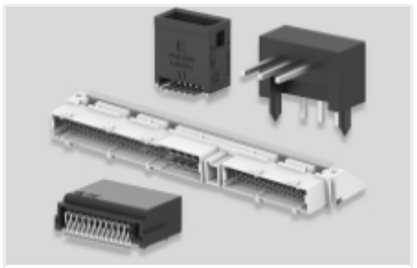
Connector Contacts(13)



Connector Hardware(2)



Insertion & Extraction Tools(1)



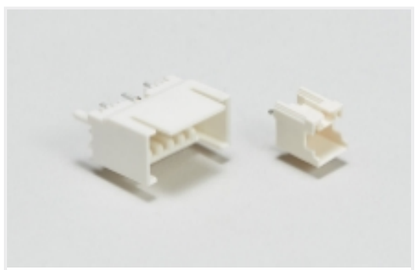
PCB Headers & Receptacles(463)



Power Contacts(7)



Rectangular Power Connectors(547)



Wire-to-Board Headers & Receptacles (463)

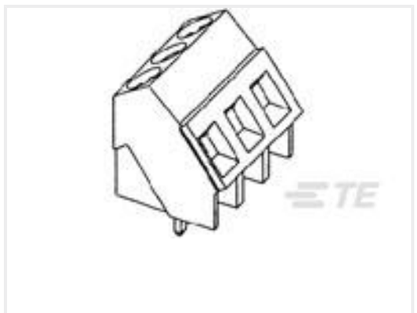
Customers Also Bought



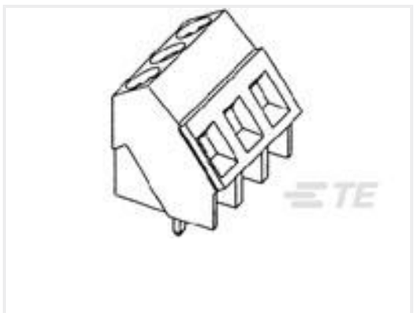
TE Part #1SNG609012R0000
ENBR-WG-M20-BL-A



TE Part #CAT-P592-R472A
PIDG Ring Tongue Terminals



TE Part #282847-2
TERMI-BLOK PCB MOUNT 35 2P.5



TE Part #282847-3
TERMI-BLOK PCB MOUNT 35 3P.5



TE Part #440129-2
2.0MM,HSG,2POS



TE Part #2-520182-2
ULTRAFAST 187 ASSY REC 22-18 TPBR LP



TE Part #3-641215-6
06P MTA100 HDR ASSY FL/ST 30AU



TE Part #1776302-1
TSB100001DS=EUROPA TM BLK, 12MM

TE Part #M3041-000006-100PG
PRESS XDCR M3041-000006-100PG

Documents

Product Drawings

12P ECONOMY POWER .200 CL HSG

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1744036-2_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1744036-2_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1744036-2_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