



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: **8**

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	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VDC
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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	39.46 mm[1.554 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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1744037-8
08P EC PWR.200 CL HDR ASSY VRT

TE Part # 1744048-8
08P EC PWR.200 CL HDR ASSY RA

Also in the Series | Economy Power



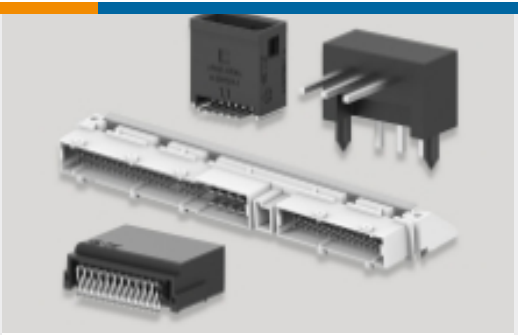
Connector Contacts(15)



Connector Hardware(2)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(400)



Rectangular Connector Housings(1)



Rectangular Power Connectors(64)



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

Customers Also Bought



TE Part #5414710001
TMS-SCE Military Grade Sleeves



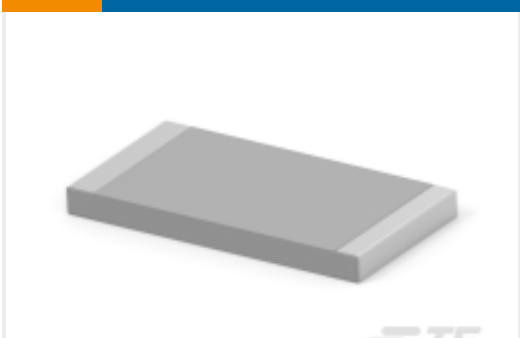
TE Part #1318912-1
EP CONN LP REC



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



TE Part #1-604751-0
CABLE TIE, 11-3/4" L, BLK, 100PK



TE Part #2-2176331-9
CRGP 2512 2K2 1%



TE Part #1-2416049-3
PBES22 40 LED 24V AC/DC 10mA NC NC



TE Part #1744037-3
03P EC PWR.200 CL HDR ASSY VRT



TE Part #1744036-3
03P ECONOMY POWER .200 CL HSG

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

[1-1773885-9 Economy Power Connectors](#)

English

Product Specifications

[Application Specification](#)

Japanese

[Application Specification](#)

English

Agency Approvals

[VDE Certificate](#)

English