



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: **12**

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	12
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	59.78 mm[2.354 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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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 # 1-1744037-2
12P EC PWR.200 CL HDR ASSY VRT

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

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



TE Part # 3-1877285-2
12P EP SHRD HDR ASMY, BLACK

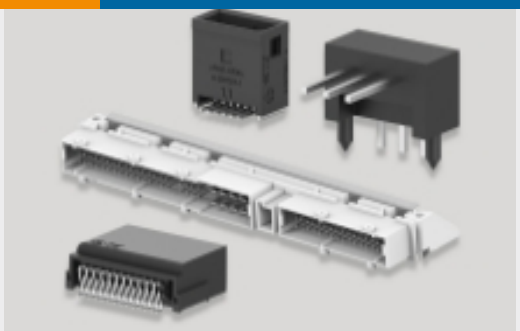
Also in the Series | Economy Power



Connector Contacts(1)



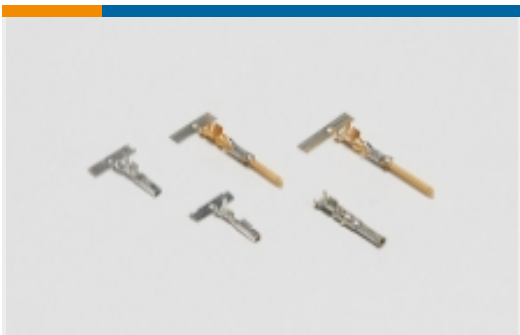
Insertion & Extraction Tools(1)



PCB Headers & Receptacles(162)



PCB Latches, Locks & Retainers(2)



Power Contacts(8)



Rectangular Connector Housings(1)



Rectangular Power Connectors(302)



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



Wire-to-Board Connector Contacts(6)

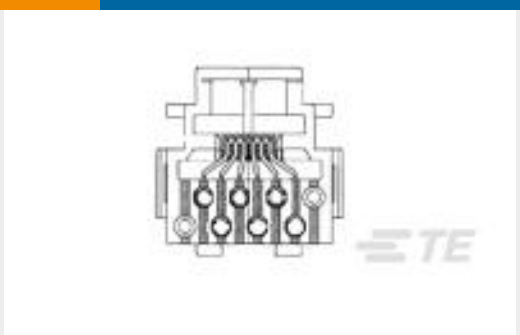
Customers Also Bought



TE Part #5788797-1
09 HTMSFL ASSY RA 318 (SL,BL)



TE Part #7-6609107-9
PS000DSXB=C1260



TE Part #216000-2
6P. TOOLLESS MOD J.



TE Part #3-5353652-6
.5FHP08H,440,B,GIG,08/Sn,HT,NSYes





TE Part #120953-3
UPM EXPANDED RCPT ASSEMBLY



TE Part #2007251-1
SFP+ 1x6 Cage Assembly



TE Part #9-1393239-3
RT314006



TE Part #2227302-1
CAGE ASSY, PRESS FIT, SFP



TE Part #1367147-1
SFP COVER, UNPLATED

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

1-1773885-9 Economy Power Connectors

English

Product Specifications

Application Specification

Japanese

Application Specification

English



[Agency Approvals](#)

[UL Report](#)

English