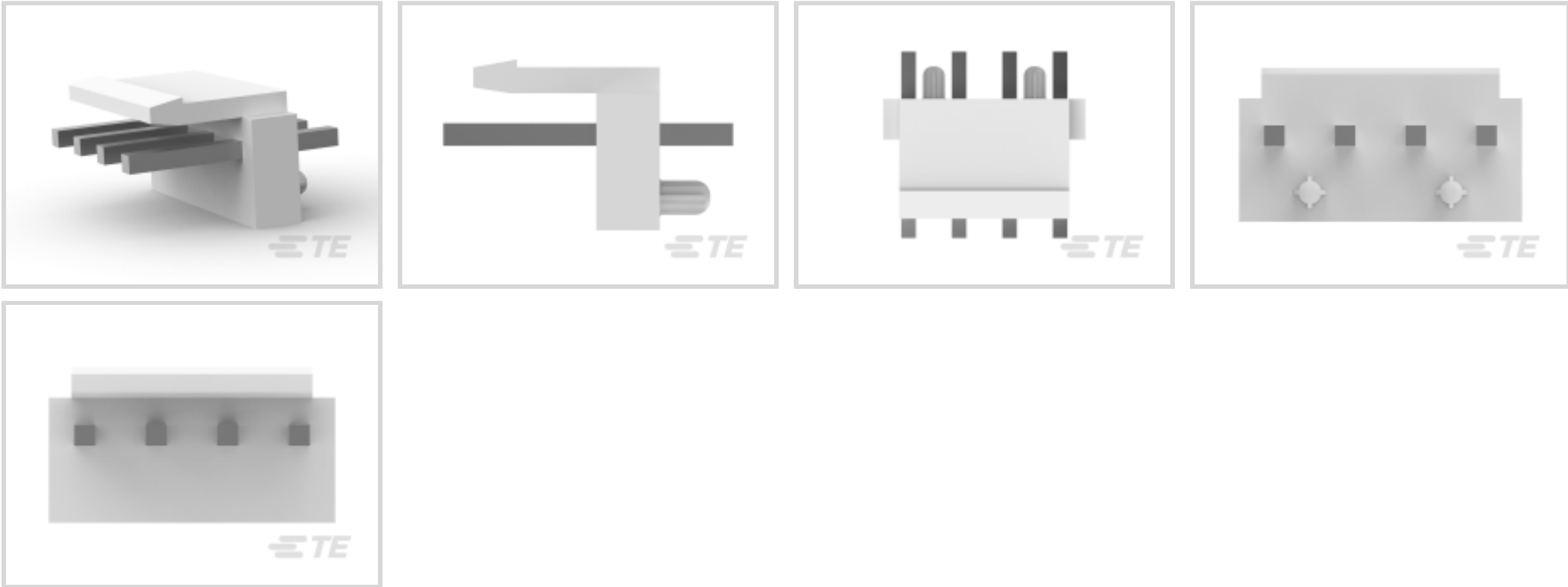




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **4**

Centerline (Pitch): **3.96 mm [.156 in]**

Features

Product Type Features

Header Type	Partially Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Contact Features



Mating Post Length	7.7 mm[.303 in]
PCB Contact Termination Area Plating Material Thickness	.8 µm, 2 µm[31.49 µin][80 µin]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	8 A
Contact Retention Within Housing	Without
Contact Type	Pin
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]

Termination Features

Termination Post & Tail Length	3.7 mm[.146 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Strain Relief	Without
Mating Alignment Type	Polarizing Tab
Mating Retention	With
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
Mating Retention Type	Latch
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	3.96 mm[.156 in]
Housing Color	Natural
Housing Material	Nylon 66

Dimensions

Connector Height	10.9 mm[.429 in]
PCB Thickness (Recommended)	.06 mm[1.6 in]
Product Width	8.2 mm[.323 in]
Product Length	15.78 mm[.621 in]

Usage Conditions

--	--



Operating Temperature Range	-25 - 105 °C[-13 - 221 °F]
-----------------------------	----------------------------

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Quantity	1000
Packaging Method	Package

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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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	Wave solder capable to 265°C

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 # 2132781-4
04P EP-II HOUSING, NATURAL

TE Part # 1744494-4
04P EP-II HOUSING, YELLOW

TE Part # 1744416-4
4 POS EP II HSG, GLOW WIRE

TE Part # 1744544-4
EP II TPA 04P, BLACK

TE Part # 4-1744057-3
3.96 EP HDR ASSY 3P W/PEGS,YEL

TE Part # 2154828-3
Cable Assembly EP II 4 Pos

Also in the Series | Economy Power

Connector Contacts(15)

Connector Hardware(2)

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(162)

Rectangular Connector Housings(1)

Rectangular Power Connectors(301)

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

Customers Also Bought

TE Part # 5646486-1
8-ROW,TWST,TUL TYPE/D W/SHEILD

TE Part # 1932869-2
FBIS-II REC ASSY 6 POS, 1.27um Gold

TE Part # 6-2176070-7
3521 5K6 1% 2W

TE Part # 4-1879022-3
SMF3 18K 5%



TE Part # 3-826629-6
1X36 POS AMPMODU II HEADER

TE Part # 1-2176371-0
RQ 0603 5K76 0.1% 10PPM 5K RL

TE Part # 1-2176371-3
RQ 0603 6K19 0.1% 10PPM 5K RL

TE Part # 316068-003
55A0121-22-0/9

TE Part # 1-1969614-4
14P RCPT VAL-U-LOK V0

TE Part # 5-146280-4
04 MODII HDR SRST B/A .100CL

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_1744057-4_C.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1744057-4_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1744057-4_C.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

7-1773458-5_ECONOMY_POWER_QRG

English

Product Specifications

Application Specification

English