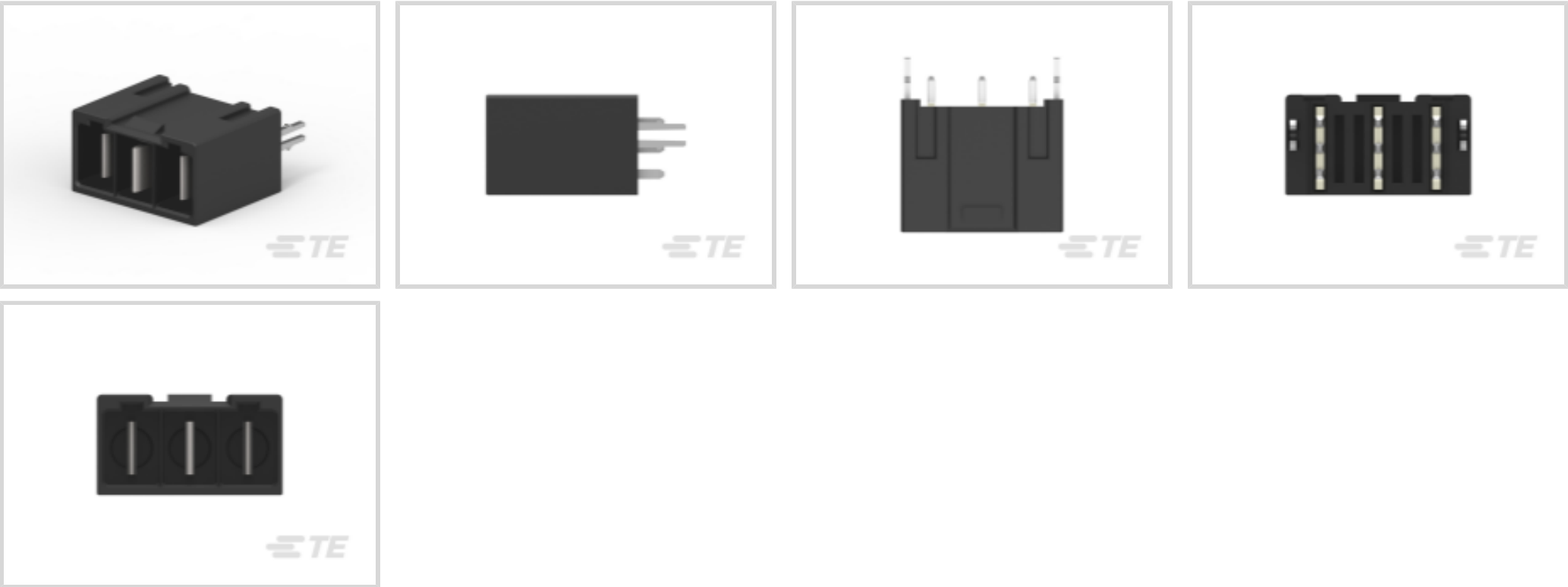




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Connector Assembly**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **3**

Centerline (Pitch): **5.7 mm [.224 in]**

Features

Product Type Features

Rectangular Power Connector Type	Connector Assembly
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	3
PCB Mount Orientation	Vertical
Number of Power Positions	3
Number of Signal Positions	0
Number of Rows	1

Electrical Characteristics

Operating Voltage	400 VDC
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Contact Features



Contact Current Rating (Max)	35 A
Contact Retention Within Housing	Without
Contact Type	Tab
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	5.7 mm[.224 in]
Housing Color	Black
Housing Material	LCP GF30 (Liquid Crystal Polymer)

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Reel
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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 2021 (211) Candidate List Declared Against: JAN 2021 (211)



Halogen Content	Does not contain REACH SVHC
Solder Process Capability	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
	Not reviewed 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 # 2204534-1
ELCON MINI 3P CABLE CONN,PULL-TAB

Also in the Series | ELCON Mini

Insertion & Extraction Tools(1)

Power Cable Assemblies(6)

Rectangular Power Connectors(32)

Customers Also Bought



TE Part #1-640456-8
Polyester Vertical PCB Header: 2.54 mm, Unshrouded, No Mating Alignment

TE Part #1-2308107-0
DDR4 DIMM SOCKETS

TE Part #1-794105-0
18P MINI UMNL R/A HDR ASSY SN

TE Part #1-1571983-1
GDH08STR04=DIP SWITCH

TE Part #1-380999-0
06P CMNL HDR ASSY NATL

TE Part #1-2176329-0
CRGP 1210 56R 1%

TE Part #1-2176313-2
RP 1E 0.1W 174K 0.1% 25PPM 1K RL

TE Part #927829-5
TIMER, RECEPTACLE AND TAB

TE Part #1-380991-0
10P CMNL HDR ASSY NATL

Documents

Product Drawings
ELCON MINI 3P VERT HEADER,SOLDER,STD
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2204585-4_A.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2204585-4_A.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2204585-4_A.3d_stp.zip
English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages



ELCON Mini Power Interconnects QRG (English)

English

Product Specifications

Application Specification

English