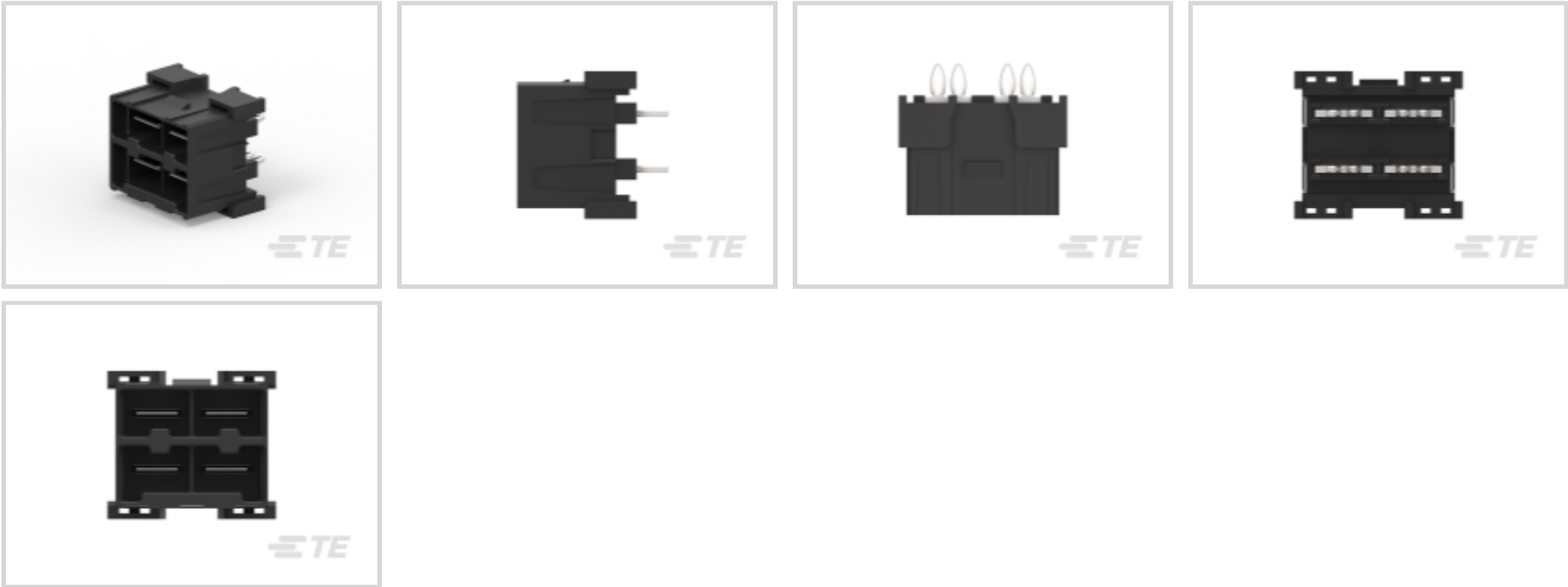




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **4**

Centerline (Pitch): **7.8 mm [.307 in]**

Features

Product Type Features

Header Type	Fully 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 Signal Positions	0
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VDC
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Contact Features

Contact Mating Area Plating Material	Silver
Contact Current Rating (Max)	20 A
Contact Retention Within Housing	With
Contact Type	Tab
PCB Contact Termination Area Plating Material	Silver
Contact Mating Area Plating Material Thickness	3 µm[76.2 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Press-Fit
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Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Centerline (Pitch)	7.8 mm[.307 in]
Housing Color	Black
Housing Material	LCP GF30 (Liquid Crystal Polymer)

Dimensions

Row-to-Row Spacing	6.24 mm[.246 in]
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Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °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: JUNE 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 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 # 2173200-1
ELCON MINI 4P CABLE CONN,TRAY
PACKAGED



TE Part # 2173200-2
ELCON MINI 4P CABLE CONN

Also in the Series | ELCON Mini



Insertion & Extraction Tools(1)



Power Cable Assemblies(6)



Rectangular Power Connectors(32)

Customers Also Bought



 TE Part #2042274-6 ELCON MINI 2P VERT HEADER, PRESS-FIT, W/O	 TE Part #2204581-2 ELCON MINI 3P RA HEADER, PRESS-FIT, STD	 TE Part #2173211-1 ELCON MINI 4P VERT HEADER, SHIELDED, SOL	 TE Part #2204581-1 ELCON MINI 3P RA HEADER, PRESS-FIT, T/P
 TE Part #2204585-2 ELCON MINI 3P VERT HEADER, SOLDER, T/P	 TE Part #2204585-3 ELCON MINI 3P VERT HEADER, PRESS-FIT, STD	 TE Part #2204585-4 ELCON MINI 3P VERT HEADER, SOLDER, STD	 TE Part #2304890-1 CA, ET, 4POS, NO PULL-TAB, NO DETECT, SHIEL

Documents

Product Drawings

ELCON MINI 4P VERT HEADER, UNSHIELDED, P/F

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2173132-2_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2173132-2_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2173132-2_D.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

Agency Approvals

UL



English