

2173200-1 ✓ ACTIVE

ELCON | ELCON Mini

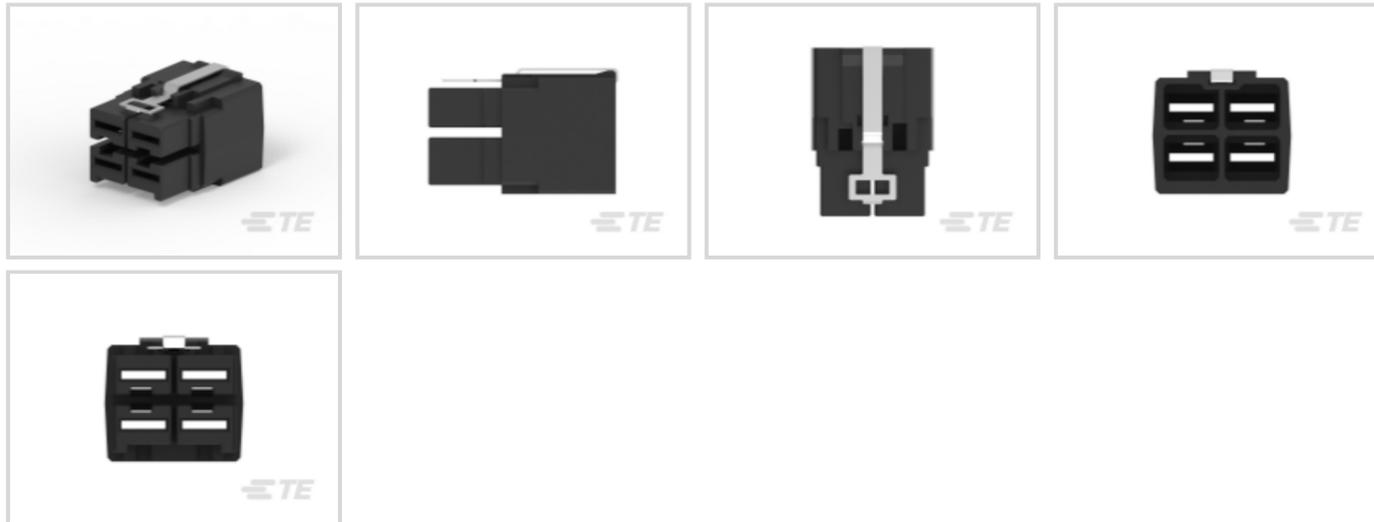
TE Internal #: 2173200-1

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Wire,
4 Position, 7.8 mm [.307 in] Centerline, Wire & Cable, UL 94V-0,
ELCON Mini

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

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

Dielectric Withstanding Voltage (Max)	750 VAC
Operating Voltage	60 VDC



Insulation Resistance	1000 MΩ
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Contact Features

Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	20 A
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Contact Retention Within Housing	With
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Contact Type	Receptacle
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Contact Mating Area Plating Material	Silver
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Contact Mating Area Plating Material Thickness	3 μm[76.2 μin]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
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Mating Alignment Type	Polarization
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Mating Alignment	With
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PCB Mount Alignment	Without
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PCB Mount Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Mating Retention	With
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Mating Retention Type	Locking Latch
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Housing Features

Centerline (Pitch)	7.8 mm[.307 in]
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Housing Color	Black
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Housing Material	PBT GF
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Dimensions

Wire Size	12 – 14 CMA
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Row-to-Row Spacing	6.24 mm[.246 in]
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Height	24.1 mm[.94 in]
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Length	17.6 mm[.69 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	Tray
Packaging Quantity	70

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

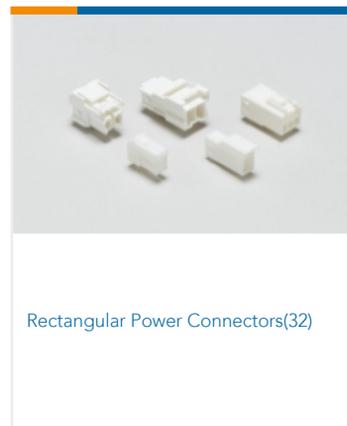
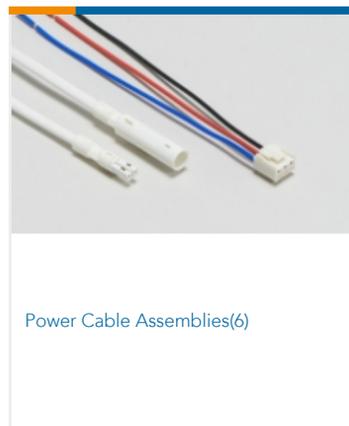
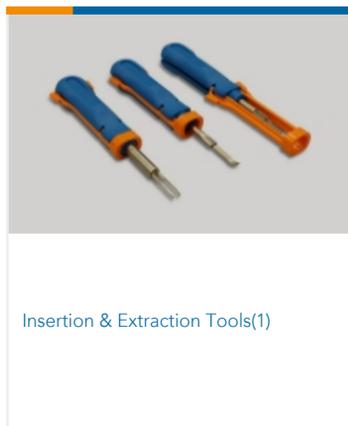
Product Compliance Disclaimer

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



Also in the Series | ELCON Mini



Documents

Product Drawings

[ELCON MINI 4P CABLE CONN,TRAY PACKAGED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2173200-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2173200-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2173200-1_B.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English

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