

2173200-1 ✓ ACTIVE

ELCON | ELCON Mini

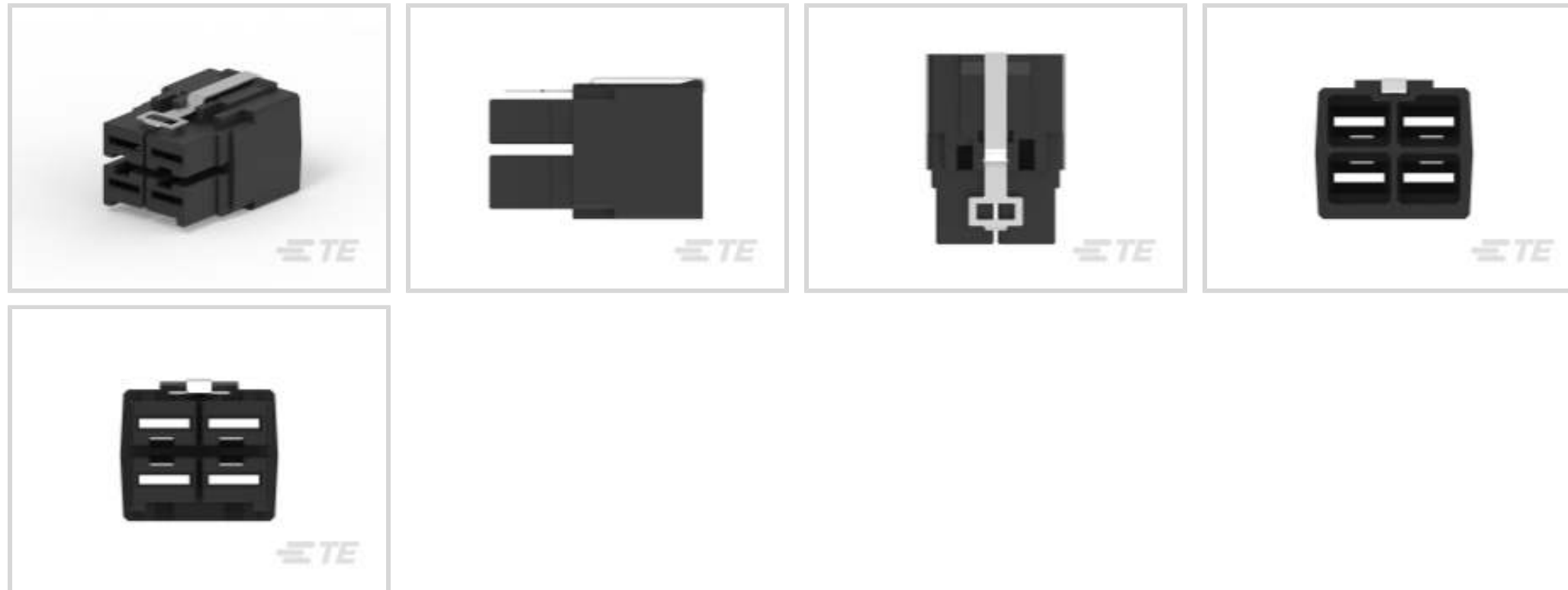
TE Internal #: 2173200-1

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

Insulation Resistance	1000 MΩ
Operating Voltage	60 VDC



Contact Features

Contact Mating Area Plating Material	Silver
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	20 A
Contact Retention Within Housing	With
Contact Type	Receptacle
Contact Mating Area Plating Material Thickness	3 μ m[76.2 μ in]

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Dimensions

Connector Height	24.1 mm[.94 in]
Product Length	17.6 mm[.69 in]
Wire Size	12 – 14 CMA
Row-to-Row Spacing	6.24 mm[.246 in]

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 Quantity	70
Packaging Method	Tray

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	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



TE Part # 2173132-1
ELCON MINI 4P VERT HEADER,
UNSHIELDED,SOL



TE Part # 2173132-2
ELCON MINI 4P VERT HEADER,
UNSHIELDED,P/F

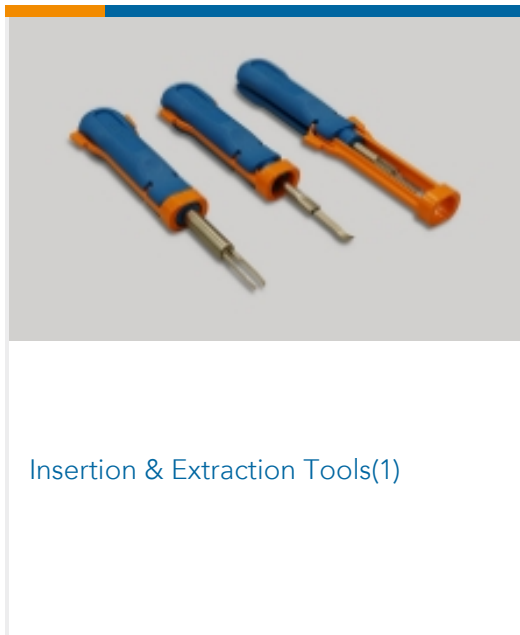


TE Part # 2173211-1
ELCON MINI 4P VERT HEADER,
SHIELDED,SOL

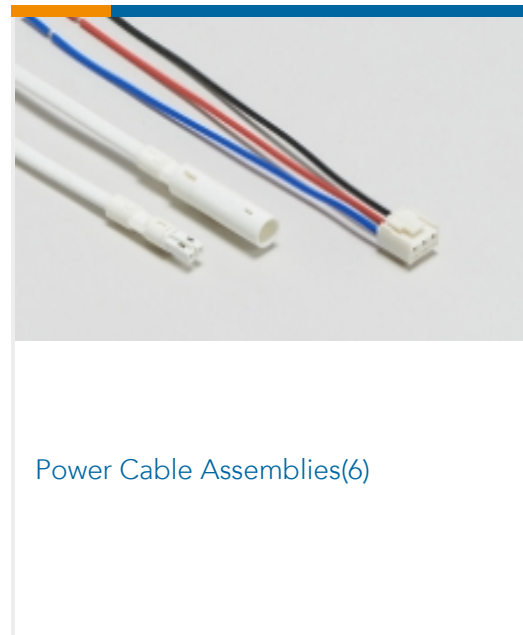


TE Part # 2173211-2
ELCON MINI 4P VERT HEADER,
SHIELDED,P/F

Also in the Series | **ELCON Mini**



Insertion & Extraction Tools(1)



Power Cable Assemblies(6)



Rectangular Power Connectors(32)

Customers Also Bought



TE Part #1-2199119-5
M.2 Connectors



TE Part #2204534-1
ELCON MINI 3P CABLE CONN,PULL-
TAB



TE Part #5-104069-7
60 sys 50 HDR DRRR SHRD SN



TE Part #2-111196-2
60 RCPT SYSTEM 50, LEAD FREE



TE Part #963709-1
TIMER, RECEPTACLE AND TAB



TE Part #4568284001
RNF-100-3/4-X-FSP



TE Part #EL8658-000
CBMS-10-P-25M

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