



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **With**

Features

Product Type Features

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

Configuration Features

Number of Signal Positions	0
Number of Power Positions	4
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	60 VAC
Insulation Resistance	1000 MΩ

Body Features



Cable Exit Angle	180°
Primary Product Color	Black

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

Housing Features

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

Dimensions

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

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

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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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 # 2173211-2
ELCON MINI 4P VERT HEADER,
SHIELDED,P/F

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

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

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

Also in the Series | ELCON Mini

Insertion & Extraction Tools(1)

PCB Headers & Receptacles(19)

Rectangular Connector Housings(6)

Rectangular Power Connectors(25)

Standard Rectangular Connectors(6)

Customers Also Bought

TE Part #1982299-4
ELCON MINI 2P CABLE CONN,W/O
CODING

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

TE Part #928966-1
SPT REC 6.3 Contact SWS Sn

TE Part #1982295-2
ELCON MINI 2P RA HEADER,W/O
CODING

TE Part #6-104068-3
34 SYSTEM 50 HDR DRST SHRD

TE Part #5-104069-6
40 sys 50 hdr drra shrd sn

TE Part #7-1579007-9
EXTRACTION TOOL

TE Part #2-111196-0
40 RCPT SYSTEM 50, LEAD FREE



TE Part #2042274-2
ELCON MINI 2P VERT HEADER,W/O CODING



TE Part #1-104069-4
34 SYSTEM 50 HDR DRRA SHRD

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