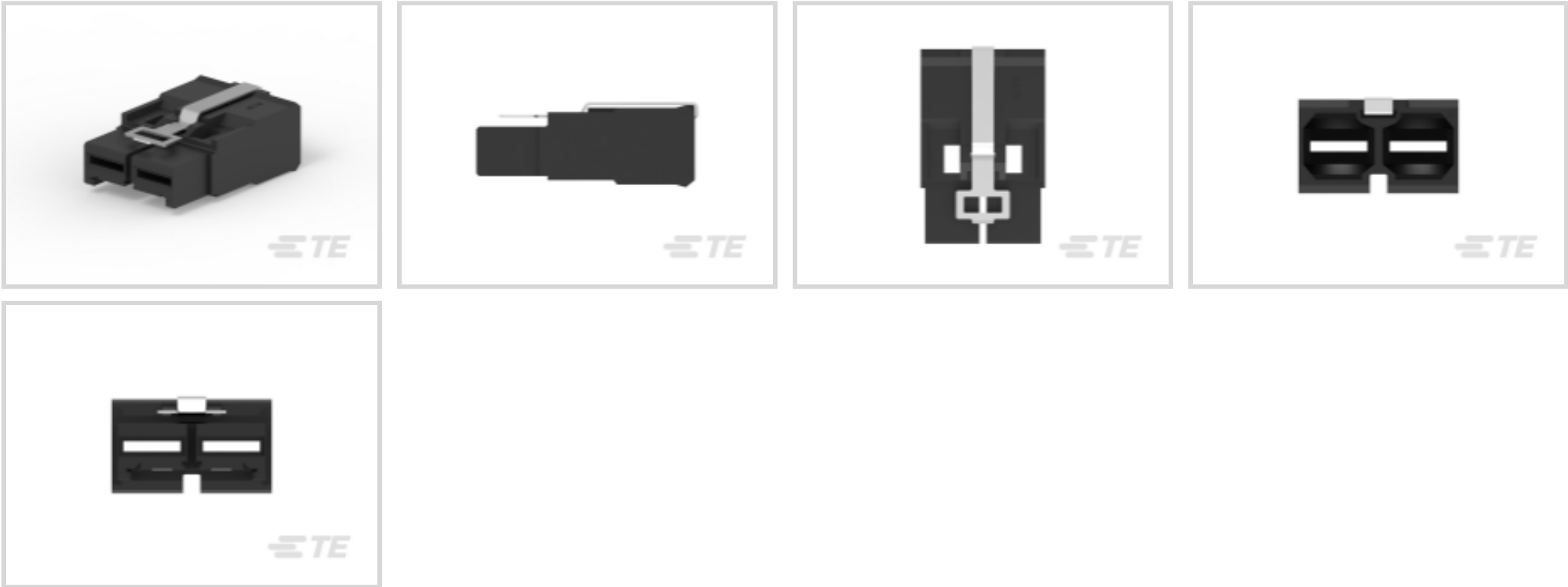




Connectors > Rectangular Connectors > Standard Rectangular Connectors



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-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Signal Positions	0
Number of Power Positions	2
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	500 VAC
Insulation Resistance	1000 MΩ

Body Features



Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	.8 µm[31.49 µin]
Contact Base Material	Copper Alloy
Wire Contact Termination Area Plating Thickness	.8 µm[.8 µin]
Contact Type	Receptacle
Contact Mating Area Plating Material	Silver (Ag)
Contact Retention Within Housing	With
Contact Current Rating (Max)	30 A, 40 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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	7.8 mm[.307 in]
Wire Size	10 AWG
Connector Height	25 mm[.98 in]
Connector Length	15.7 mm[.61 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

Glow Wire Rating	Standard Part - Not Glow Wire
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UL Flammability Rating

UL 94V-0

Packaging Features

Packaging Quantity	130
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

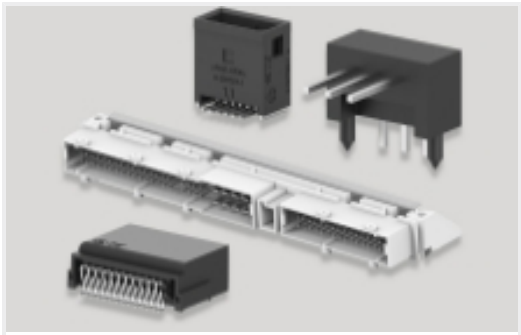




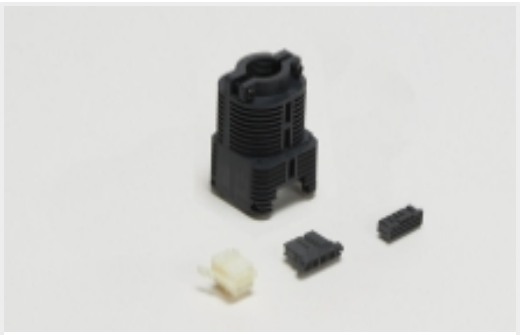
Also in the Series | ELCON Mini



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 #193839-1
SKT HDR, RIGHT ANGLE



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



TE Part #2178186-3
ELCON MINI 2P CABLE CONN, 6MM2, W/ (B)



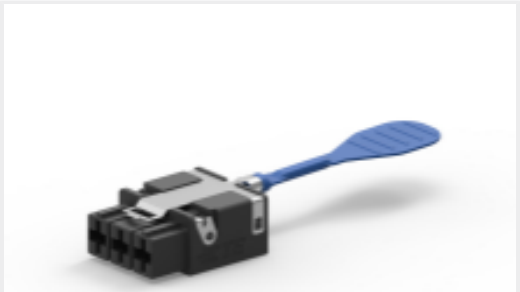
TE Part #1982299-6
ELCON MINI 2P CABLE CONN, W/O, FLUSHED



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



TE Part #1982299-3
ELCON MINI 2P CABLE CONN, WITH CODING (B)



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



TE Part #1982295-1
ELCON MINI 2P RA HEADER, W /CODING



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



TE Part #2304883-1
CA, ET, 2POS, SHORT PULL-TAB, NO DETECT



Documents

Product Drawings

ELCON MINI 2P CABLE CONN,6MM2,W/O CODING

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2178186-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2178186-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2178186-4_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Product Specifications

Application Specification

English