

1982299-6 ✓ ACTIVE

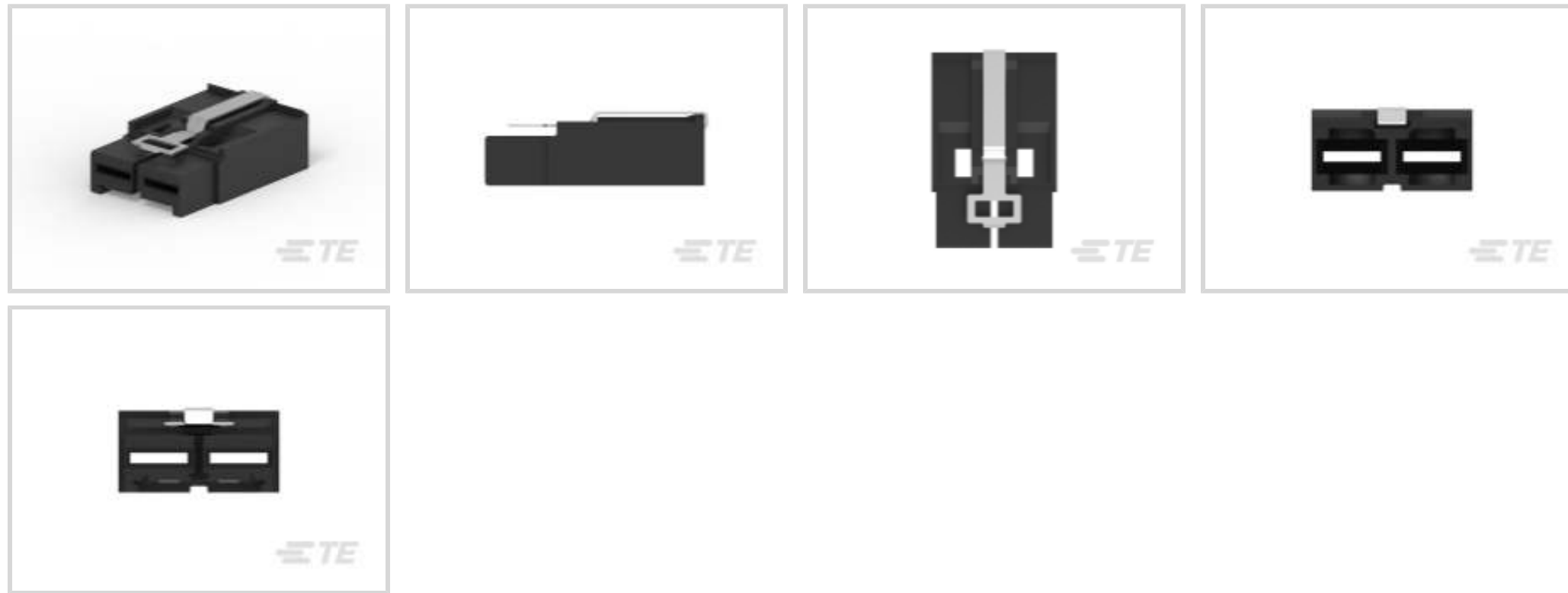
TE Internal #: 1982299-6

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 2 Position, 7.8 mm [.307 in] Centerline, Wire & Cable, UL 94V-0

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **2**

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

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	500 VDC
-------------------	---------

Contact Features

Contact Mating Area Plating Material	Silver
--------------------------------------	--------



Contact Current Rating (Max)	40 A
------------------------------	------

Contact Retention Within Housing	With
----------------------------------	------

Contact Type	Receptacle
--------------	------------

Contact Mating Area Plating Material Thickness	.8 μm [76.2 μin]
--	---

Termination Features

Termination Method to Wire & Cable	Crimp
------------------------------------	-------

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
-------------------------	----------------------------

Housing Features

Centerline (Pitch)	7.8 mm[.307 in]
--------------------	-----------------

Housing Color	Black
---------------	-------

Housing Material	PBT GF
------------------	--------

Dimensions

Wire Size	12 – 14 CMA
-----------	-------------

Row-to-Row Spacing	7.8 mm[.307 in]
--------------------	-----------------

Usage Conditions

Operating Temperature Range	-40 – 125 $^{\circ}\text{C}$ [-40 – 257 $^{\circ}\text{F}$]
-----------------------------	--

Operation/Application

Circuit Application	Power
---------------------	-------

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Glow Wire Rating	Standard Part - Not Glow Wire
------------------	-------------------------------

Packaging Features

Packaging Method	Tray
------------------	------

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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: JUNE 2023 (235)
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 # 1982295-2
ELCON MINI 2P RA HEADER, W/O CODING



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



TE Part # 1982295-8
ELCON MINI 2P RA HEADER, W/O CODING

Customers Also Bought




TE Part #3-641192-6
06P MTA100 CONN ASSY BLU LF



TE Part #5-1625999-6
HSC100 1R0 1%



TE Part #2-1630012-5
HSC150 R47 5%



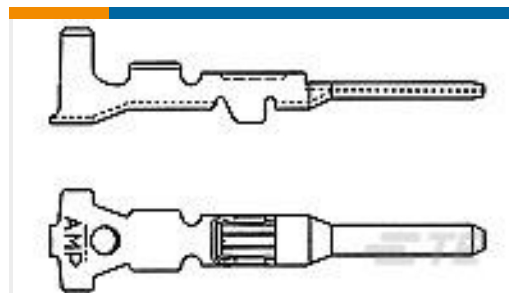
TE Part #59804-1
MAINTENANCE TOOL



TE Part #735160
250 PIDG FAST REC



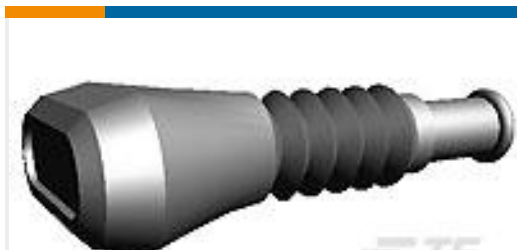
TE Part #964204-1
STD-POW-TIM KONTAKT



TE Part #282404-1
MINI MIC SRS TAB CONT



TE Part #HD16-9-1939SE-P080
PLUG ASM



TE Part #493581-1
BOOT 4 POSN HSG

Documents

Product Drawings

[ELCON MINI 2P CABLE CONN,W/O ,FLUSHED](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1982299-6_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1982299-6_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1982299-6_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

Product Environmental Compliance

[MD_1982299-6_0902201752_dmtec](#)

English

[MD_1982299-6_0902201752_dmtec](#)

English

1982299-6

Rectangular Power Connectors, Housing, Receptacle, Wire-to-Board, 2 Position, 7.8 mm [.307 in] Centerline, Wire & Cable, UL 94V-0

