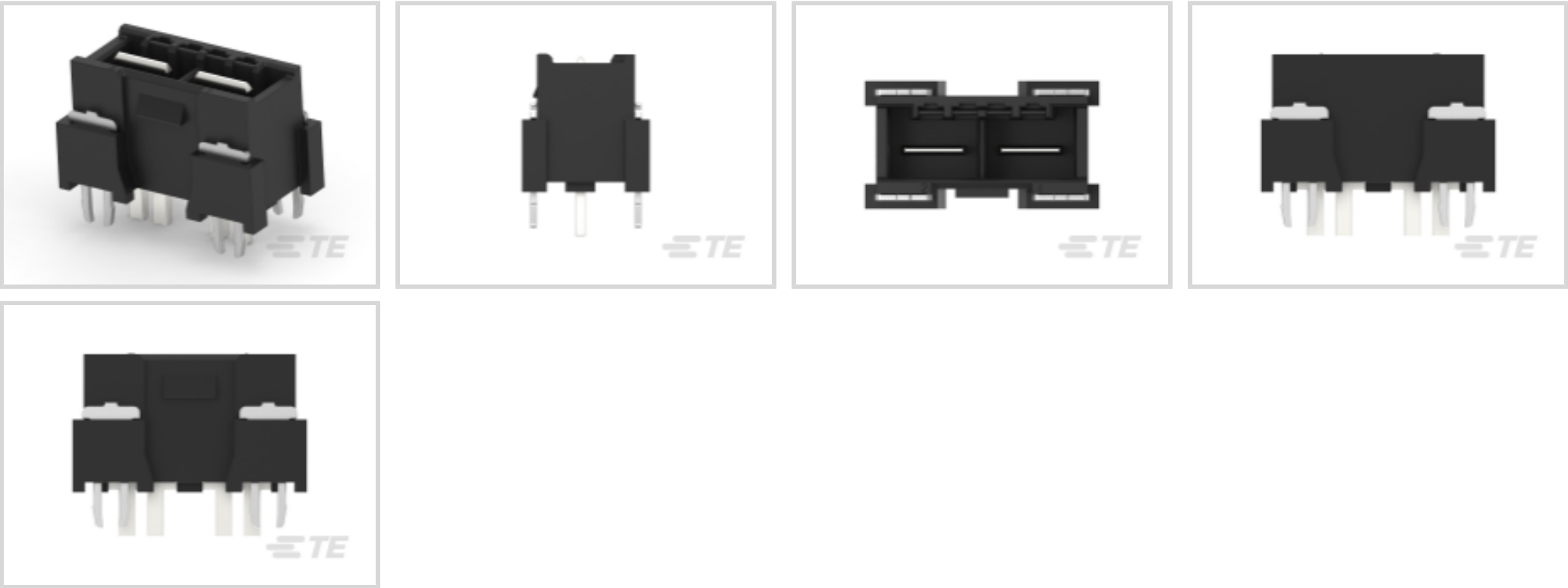




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

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

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	2
PCB Mount Orientation	Vertical
Number of Power Positions	2
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	Without
Contact Type	Tab
Contact Mating Area Plating Material Thickness	3 µm[118.11 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

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

Usage Conditions

Operating Temperature Range	-40 – 125 °C[-40 – 257 °F]
-----------------------------	----------------------------

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature Part - Not Glow Wire

Packaging Features

Packaging Method	Tape
------------------	------

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: JUNE 2023 (235) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC



Free

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



TE Part # 2360879-1
2P Elcon Mini to 2P Elcon Mini Cable Ass

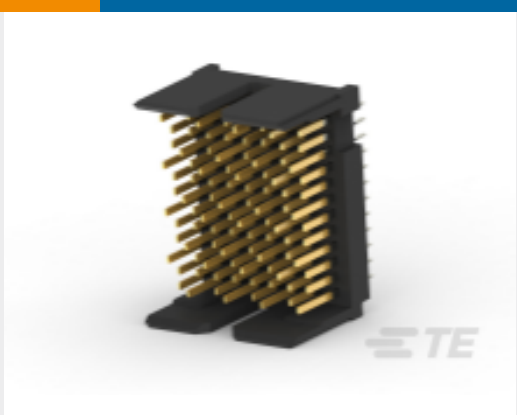
Customers Also Bought



TE Part #1410477-2
MULTI-GIG GD PIN KEY/ESD NI PL



TE Part #6-5177986-1
0.8FH,P06H.5,040,30/Sn,TR,SC



TE Part #2065798-3
Tin Man Header Assy 4x8Open



TE Part #2358475-1
MBHD R/A REC. 15S+3P+3P+15S FOR 30u'



TE Part #1-1367646-0
Heatsink clip Stamped and Form



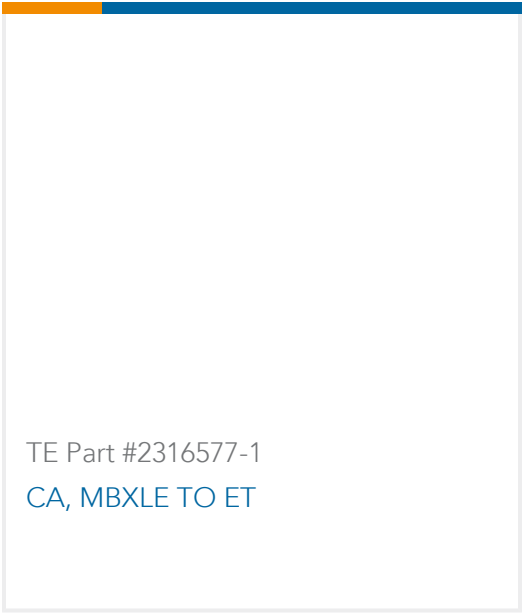
TE Part #2-6450820-7
MBXL VERT HDR 1P+16S+1P



TE Part #2024332-1
C/A, WIRE HARNESS, 4 POS, PDU-DC



TE Part #2299324-1
QSFP28, 1X2, CAGE ASSY, SPRING, HS



Documents

Product Drawings

ELCON MINI 2P VERT HEADER,PRESS-FIT,W/HD

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2042274-7_C2.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2042274-7_C2.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2042274-7_C2.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Product Specification

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English