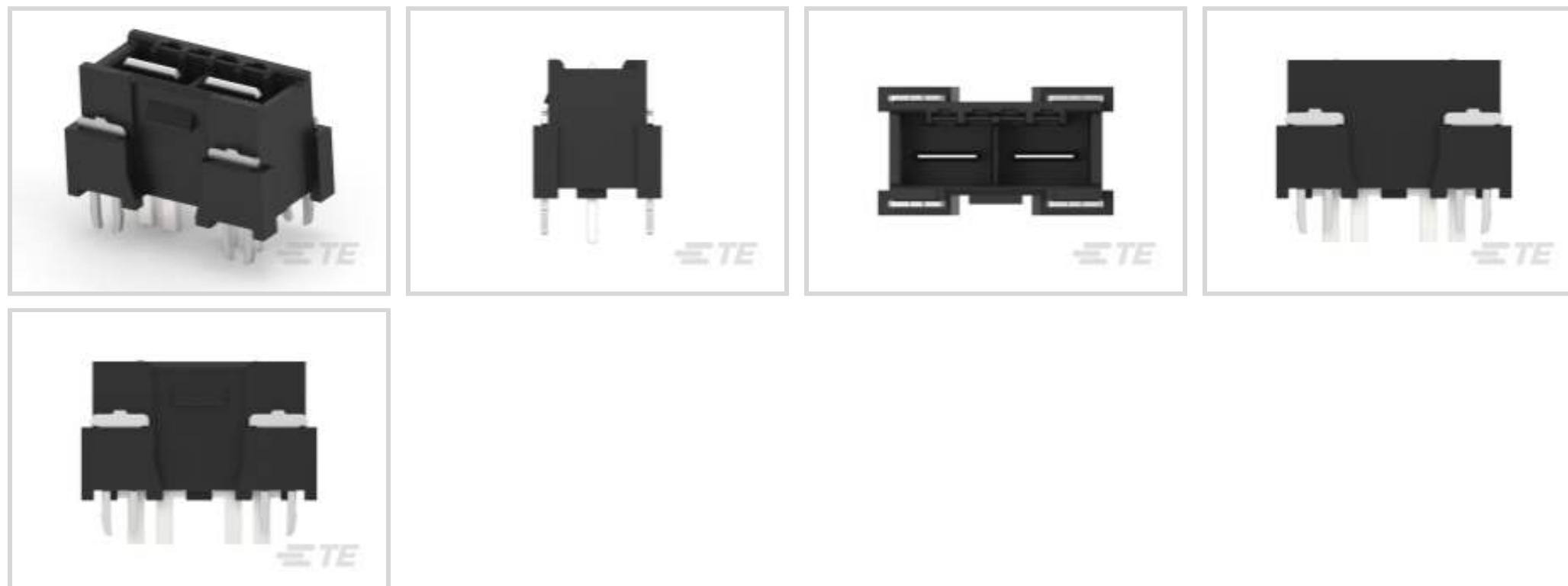




Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



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: JAN 2023 (233) 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

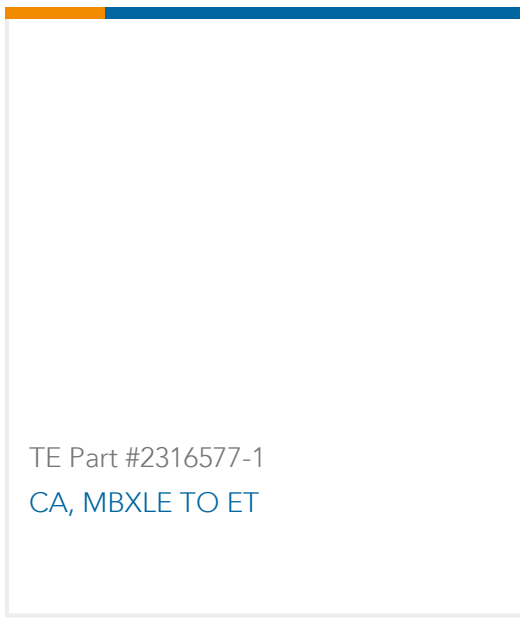
TE Part #2358475-1
MBHD R/A REC. 15S+3P+3P+15S FOR 30u'

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

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Product Specifications

[Product Specification](#)

English

[Product Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English