

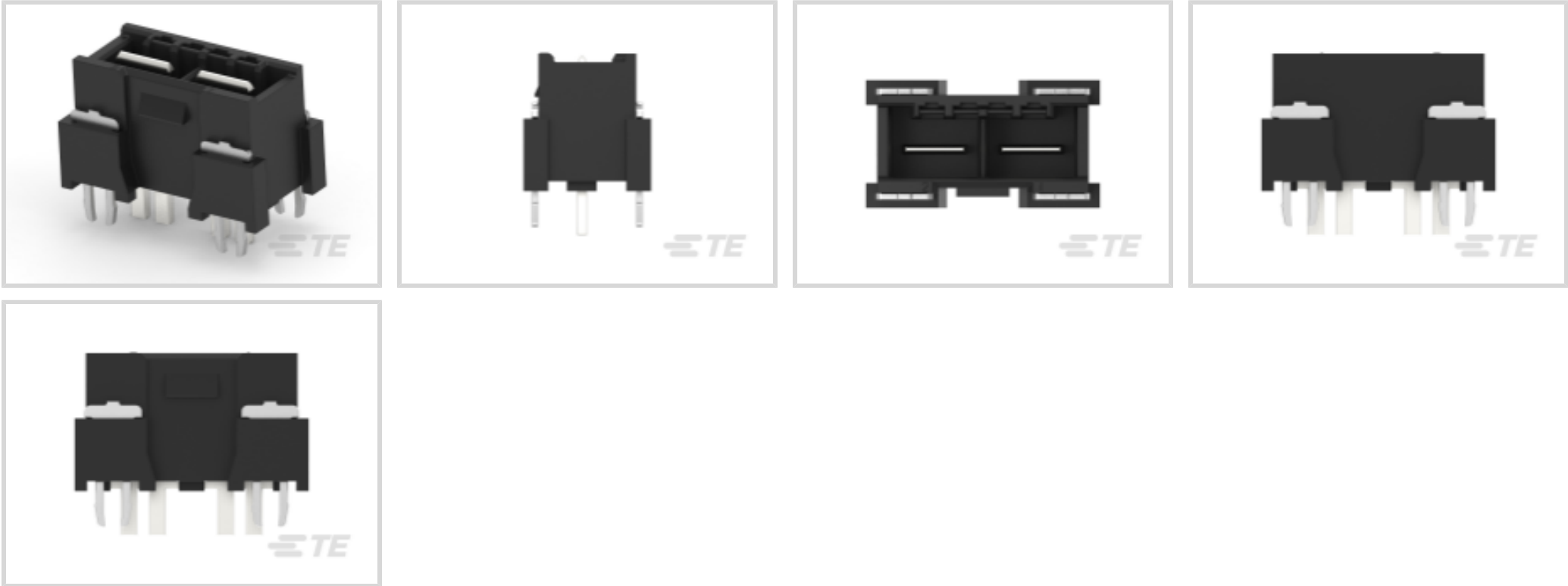
TE Internal #: 2042274-7

PCB Mount Header, Vertical, Cable-to-Board, 2 Position, 7.8 mm [.307 in] Centerline, Fully Shrouded, Silver (Ag), Through Hole - Press-Fit, Power

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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

Connector System: **Cable-to-Board**

Number of Positions: **2**

Number of Rows: **1**

Features

Product Type Features

| | |
|-----------------------------------|-----------------------|
| Connector Shape | Rectangular |
| PCB Connector Type | PCB Mount Header |
| Connector System | Cable-to-Board |
| Header Type | Fully Shrouded |
| Sealable | No |
| Connector & Contact Terminates To | Printed Circuit Board |
| Connector Product Type | Connector Assembly |

Configuration Features

| | |
|---------------------------|----------|
| Number of Power Positions | 2 |
| PCB Mount Orientation | Vertical |
| Number of Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

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



Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Contact Features

| | |
|--|------------------|
| Contact Mating Area Plating Material Thickness | 3 μm[118.11 μin] |
| Contact Layout | Inline |
| Contact Base Material | Copper Alloy |
| PCB Contact Termination Area Plating Material | Silver |
| Contact Mating Area Plating Material | Silver (Ag) |
| Contact Type | Tab |
| Contact Current Rating (Max) | 40 A |

Termination Features

| | |
|--------------------------------|--------------------------|
| Termination Post & Tail Length | 3.55 mm[.14 in] |
| Termination Method to PCB | Through Hole - Press-Fit |

Mechanical Attachment

| | |
|--------------------------|--------------|
| PCB Mount Retention Type | Hold-Down |
| Mating Alignment Type | Polarization |
| PCB Mount Retention | With |
| PCB Mount Alignment | Without |
| Connector Mounting Type | Board Mount |
| Mating Alignment | With |

Housing Features

| | |
|--------------------|-----------------|
| Housing Material | LCP GF30 |
| Centerline (Pitch) | 7.8 mm[.307 in] |

Dimensions

| | |
|-----------------------------|------------------|
| Connector Width | 10.3 mm[.4 in] |
| PCB Thickness (Recommended) | 1.45 mm[.057 in] |
| Connector Height | 12.3 mm[.48 in] |
| Connector Length | 18.9 mm[.74 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature (Max) | 125 °C[257 °F] |
| Operating Temperature Range | -40 – 125 °C[-40 – 257 °F] |

Operation/Application



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

Industry Standards

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

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 150 |
| Packaging Method | Reel |

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 | 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 # 2360879-1
2P Elcon Mini to 2P Elcon Mini Cable Ass

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

Customers Also Bought

TE Part #4-2204169-2
MBXLE VERT RCPT pf 2LP+8S+2P

TE Part #2306345-2
HEAT SINK, QSFP28 1X1, CUSTOMIZED

TE Part #1932605-1
1X1SFP CAGE ASSY & PT CONNECTOR ASSY

TE Part #2-1410271-1
MULTI-GIG PWR .8" R/A HDR 4P LEAD-FREE

TE Part #2287076-6
CFP2 CAGE ASSEMBLY WITHOUT REAR SPRING

TE Part #1-2129458-3
DC Power Jack Conn DIP type 10.7A

TE Part #4-2170754-8
CAGE ASSY, QSFP28 1X1, GASKET, HS, LP

TE Part #2227021-1
Heat Sink Clip

TE Part #1-2842138-0
20P,2MM,BRK HDR,DRVT,2.8,0.1AU, BOX

TE Part #2024324-1
POWER CABLE ASSY CGR-2010

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