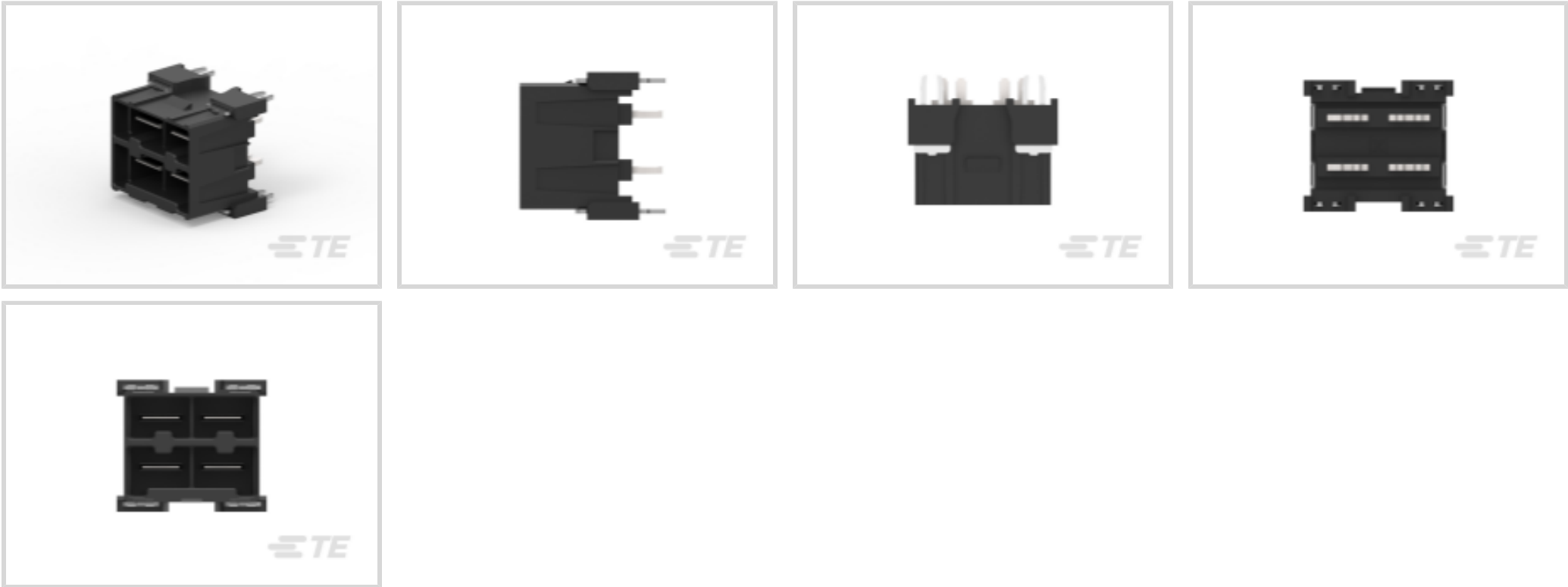




Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Vertical**

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

Number of Positions: **4**

Number of Rows: **2**

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	4
PCB Mount Orientation	Vertical
Number of Positions	4
Number of Rows	2

Electrical Characteristics

Operating Voltage	500 VDC
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Insulation Resistance	1000 MΩ
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Body Features

Primary Product Color	Black
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Contact Features

Contact Mating Area Plating Material Thickness	3 μm[118.11 μin]
Contact Layout	Matrix
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)	20 A

Termination Features

Termination Post & Tail Length	2.95 mm[.116 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Retention	Without
PCB Mount Retention Type	Boardlock
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

Row-to-Row Spacing	6.24 mm[.246 in]
Connector Width	16.54 mm[.65 in]
PCB Thickness (Recommended)	1.6 mm[.063 in]
Connector Height	13.4 mm[.53 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
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Industry Standards

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

Packaging Features

Packaging Quantity	100
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	Pin-in-Paste capable to 260°C

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 # 2173200-1
ELCON MINI 4P CABLE CONN,TRAY
PACKAGED

TE Part # 2173200-2
ELCON MINI 4P CABLE CONN

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 #1954041-2
POWER ARCH PIN CONTACT .153
INCH DIA.

TE Part #1-1761987-8
ReceptacleConnAssm38PosTape/Re

TE Part #1721260-5
OJ-SS-112LMH2

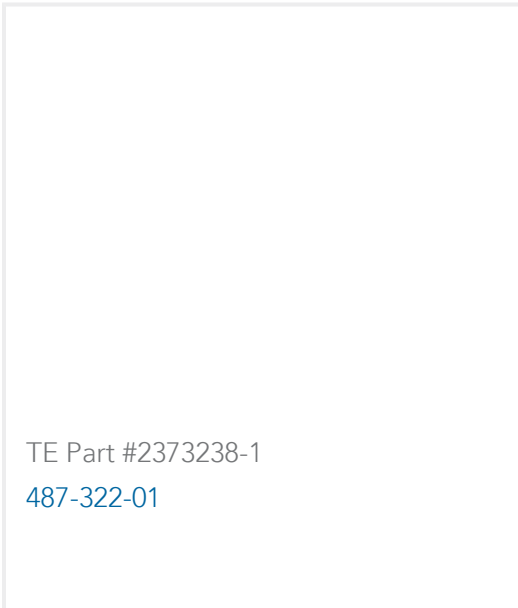
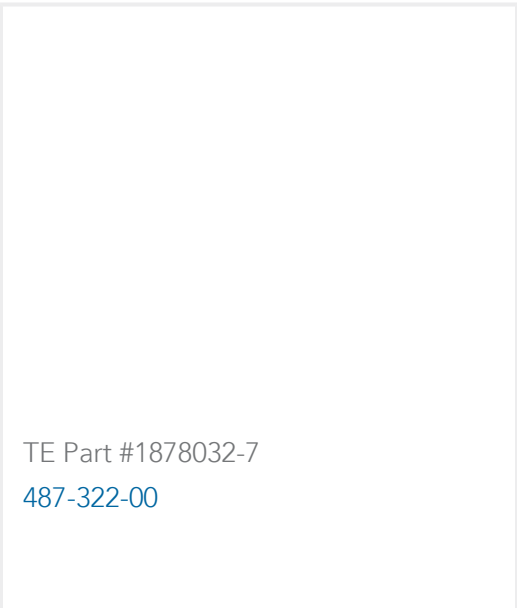
TE Part #1-1721539-7
OJE-SS-112HM2.000T0

TE Part #1888617-1
Cage Assy, QSFP, Through Bezel

TE Part #1721261-5
OJE-SS-112LMH2

TE Part #1888321-1
Shielded Receptacle Assembly,

TE Part #3-6450834-1
MBXLE R/A HDR 8P+20S



Documents

Product Drawings

[ELCON MINI 4P VERT HEADER,UNSHIELDED,SOL](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2173132-1_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2173132-1_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2173132-1_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[ELCON Mini Power Interconnects QRG \(English\)](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English