



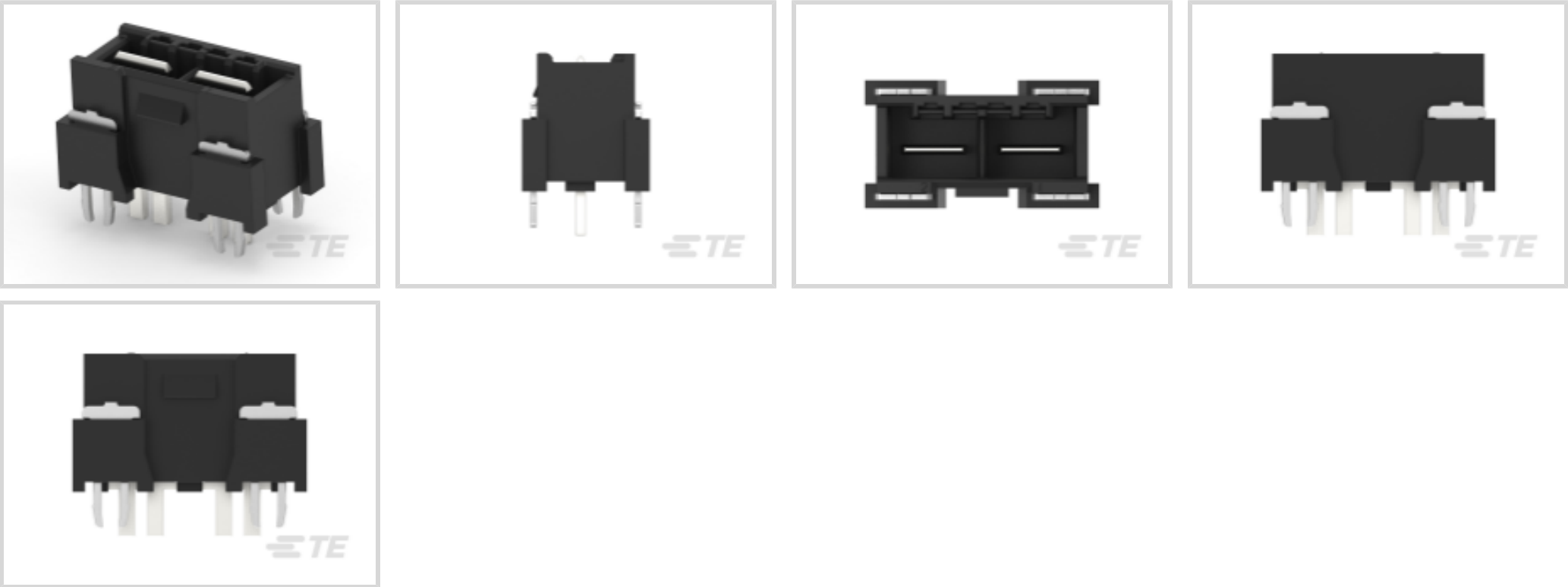
TE Internal #: 2042274-7

Header, Plug, Wire-to-Board, 2 Position, 7.8 mm [.307 in]

Centerline, Printed Circuit Board, UL 94V-0, Rectangular Power Connectors

[View on TE.com >](#)

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
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Contact Features

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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 PCB	Through Hole - Solder
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Mechanical Attachment

Connector Mounting Type	Board Mount
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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]
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Operation/Application

Circuit Application	Power
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Industry Standards

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

Packaging Features

Packaging Method	Tape
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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

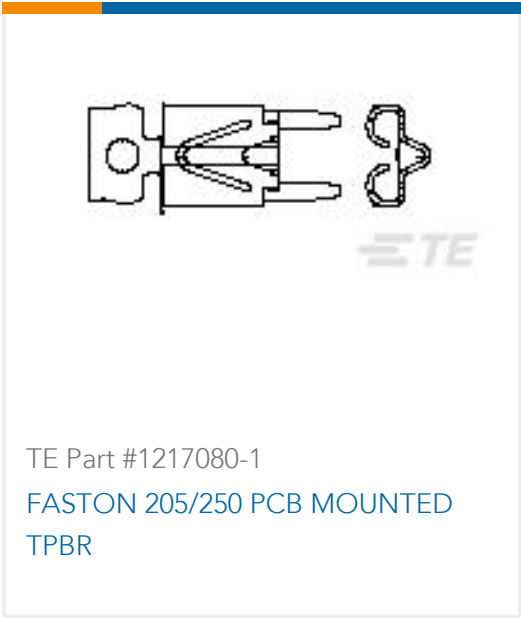


TE Part # 2360879-1
2P Elcon Mini to 2P Elcon Mini Cable Ass


Customers Also Bought




TE Part #1888250-1
Low Profile,RJ45,1x1,GRN/YEL




TE Part #1217080-1
FASTON 205/250 PCB MOUNTED TPBR




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



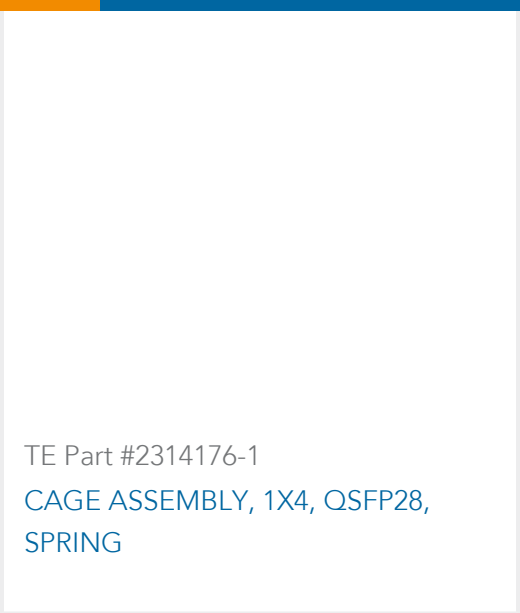
TE Part #2-2351050-5
LGA4677 TFLM ASSY,W/ COVER



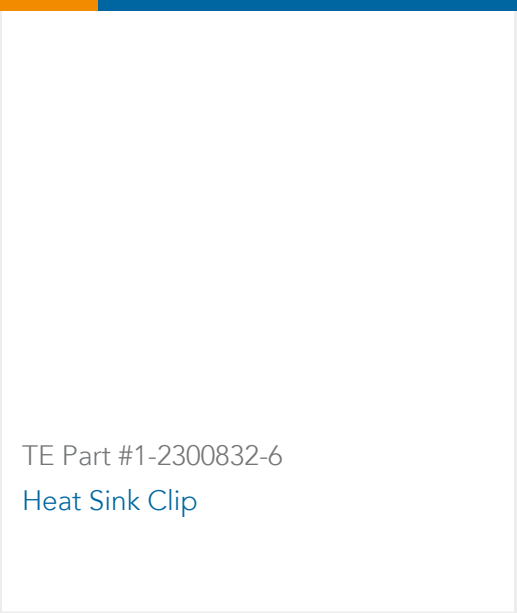
TE Part #2405568-2
LGA4710 TFLM ASSEMBLY W/ COVER



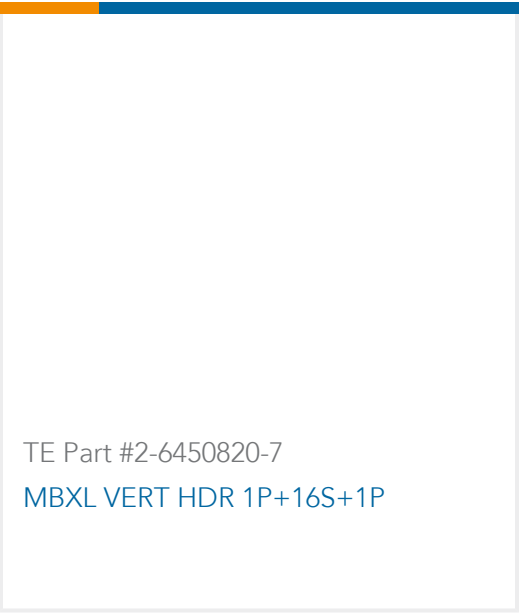
TE Part #2065798-3
Tin Man Header Assy 4x8Open



TE Part #2314176-1
CAGE ASSEMBLY, 1X4, QSFP28, SPRING



TE Part #1-2300832-6
Heat Sink Clip



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