



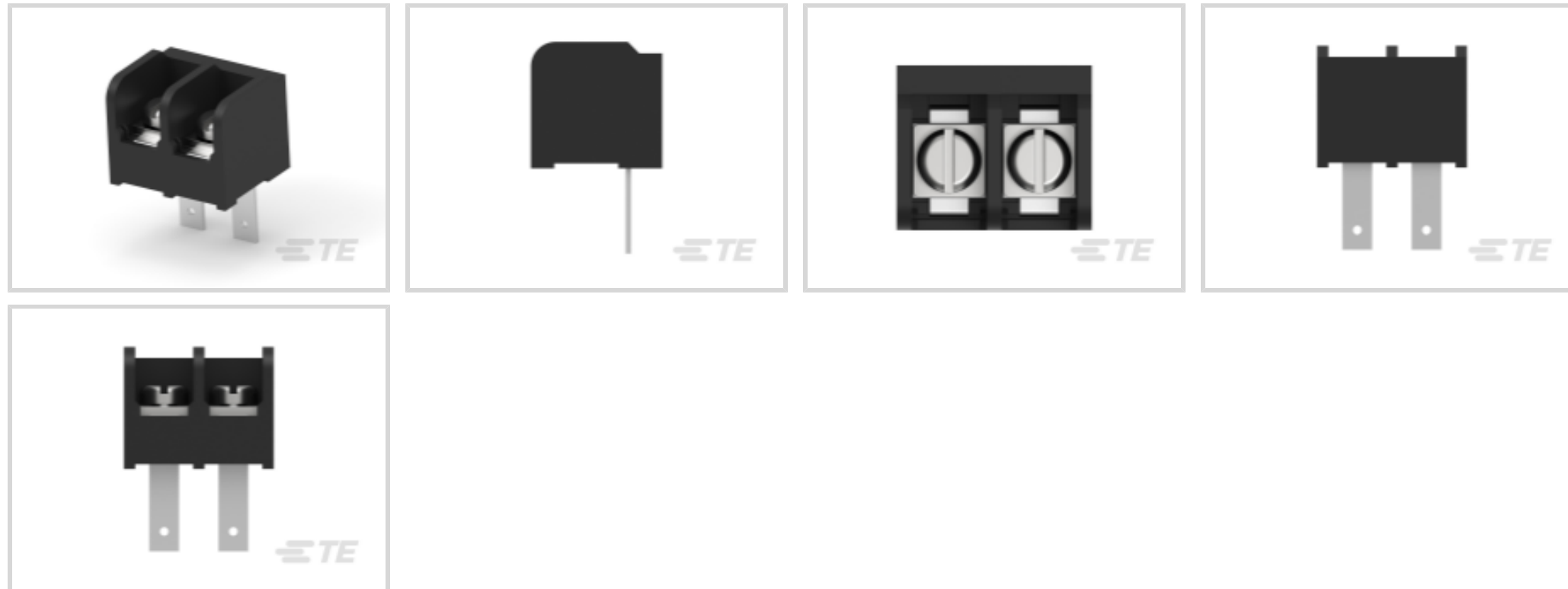
Buchanan | Buchanan 8 Series

TE Internal #: 1-1437659-2

2 Position Barrier Strip, Tri-Barrier, Quick Connect Tab Bottom Termination, Wire-to-Board, 11.1 mm [.438 in] Centerline, 1 Row, Buchanan 8 Series

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > Barrier Strips



Number of Positions: 2

Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Quick Connect Tab**

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

Centerline (Pitch): 11.1 mm [.438 in]

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Method	Package
Packaging Quantity	240

Operation/Application

Circuit Application	Power
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Mechanical Attachment

Top Termination Type	Wire Clamp Combo Head
Mounting Options	None
Screw Plating Material	Zinc Chromate
Screw Material	Steel
Thread Size	8-32
Screw Head Type	Combo Phil-Slot
Connector Mounting Type	Cable Mount (Free-Hanging)



Contact Features

Contact Base Material	Copper Alloy
Mating Tab Thickness	.81 mm[.032 in]
PCB Contact Termination Area Plating Material	Tin
Mating Tab Width	4.75 mm[.187 in]
Contact Current Rating (Max)	30 A

Dimensions

Product Length	24.08 mm[.948 in]
Wire Size	18 – 10 AWG, 22 – 10 AWG

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	11.1 mm[.438 in]

Product Type Features

Block Style	Flat Bottom with standoffs
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Body Features

Primary Product Color	Black
Product Orientation	Vertical
Barrier Strip Style	Tri-Barrier

Configuration Features

Number of Levels	1
Number of Positions	2
Number of Rows	1

Termination Features

Bottom Termination Type	Quick Connect Tab
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Electrical Characteristics

Operating Voltage	600 V
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Usage Conditions

Operating Temperature Range	-40 – 120 °C[-40 – 248 °F]
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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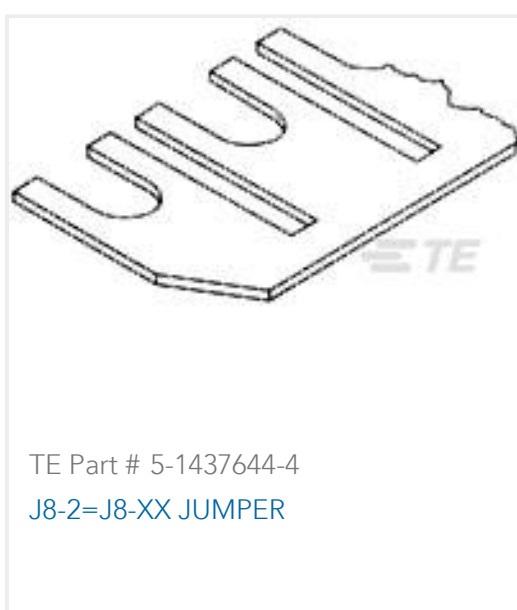
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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Solder Process Capability	Wave solder capable to 265°C
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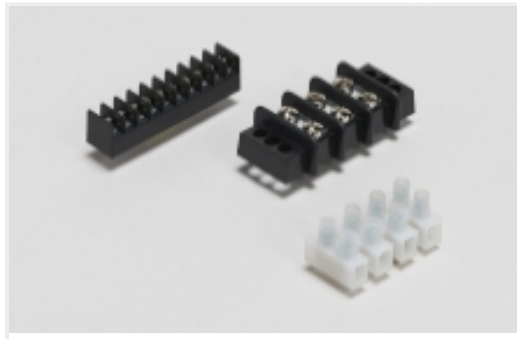
Product Compliance Disclaimer

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

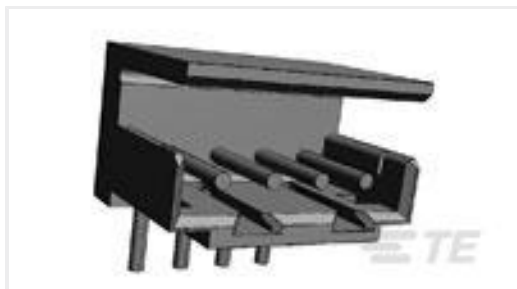


Also in the Series | [Buchanan 8 Series](#)



Barrier Strips(61)

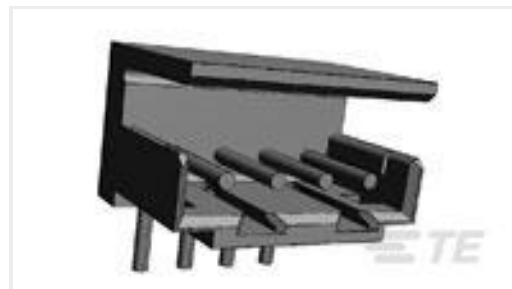
Customers Also Bought



TE Part #1-292164-2
CT P/HDR BOX H ASSY 12P T/P NA



TE Part #3-87878-2
MOD II POST PLTD 50 AU



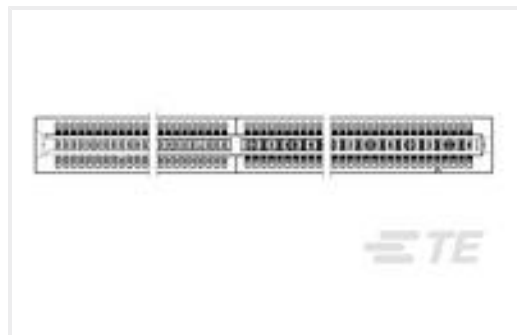
TE Part #292164-4
CT P/HDR BOX H ASSY 4P T/P NAT



TE Part #2007498-2
1X6 SFP PCI Cage Assembly



TE Part #2150677-2
OCEAN_2.0_APPLICATOR-E-100F-REA



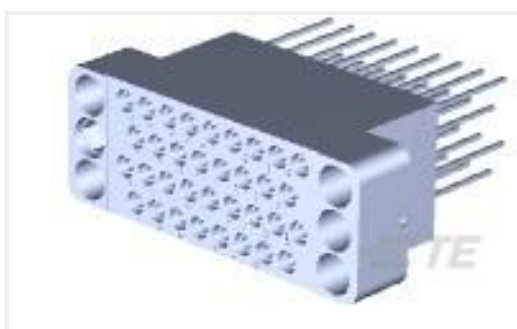
TE Part #5145020-5
CONNECTOR ASSEMBLY, DUAL POSITIONS, .050



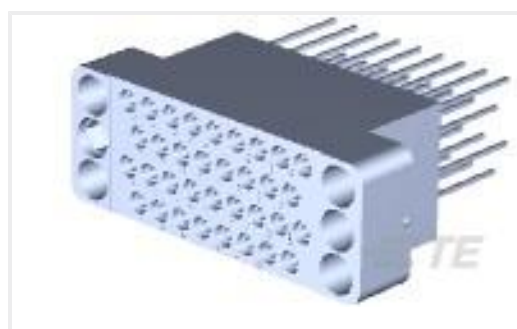
TE Part #2007838-2
IMP100S,H,V4P16C,UG,DEW39,4.9



TE Part #2143014-2
IMP100S,H,RA2P10C,UG,DEW39,4.9



TE Part #6-205505-2
AUTOWIRE KIT,34 POS,25X25 LF



TE Part #205505-1
AUTOWIRE KIT,34 POS,25 X 25

Documents

Product Drawings

[8QCV-02-008=8QCV ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-1437659-2_D.3d_stp.zip](#)

English

Customer View Model



[ENG_CVM_CVM_1-1437659-2_D.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-1437659-2_D.3d_igs.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773458-2_BARRIER_STRIPS_QUICK_REFERENCE_GUIDE](#)

English

Agency Approvals

[UL](#)

English