



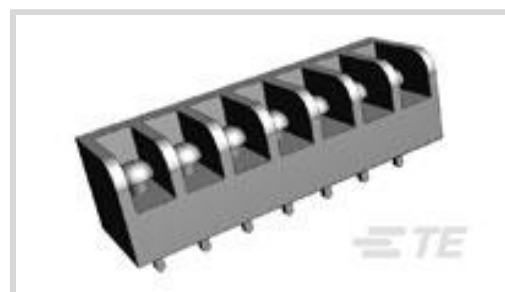
Buchanan | Buchanan 3 Series

TE Internal #: 5-1437646-4

Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 7 Position, 6.35 mm [.25 in] Centerline, 1 Row, Buchanan 3 Series, Barrier Strips

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Printed Circuit Pin**

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

Number of Positions: **7**

Centerline (Pitch): **6.35 mm [.25 in]**

Features

Body Features

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

Termination Features

Bottom Termination Type	Printed Circuit Pin
-------------------------	---------------------

Product Type Features

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

Configuration Features

Number of Positions	7
Number of Rows	1
Number of Levels	1

Housing Features

Centerline (Pitch)	6.35 mm [.25 in]
Housing Material	Thermoplastic

Electrical Characteristics

Operating Voltage	300 V
-------------------	-------



Dimensions

Wire Size	.05 – 1.3 mm ²
Product Length	45.72 mm[1.8 in]

Contact Features

Contact Current Rating (Max)	10 A
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin

Mechanical Attachment

Connector Mounting Type	Board Mount
Top Termination Type	Wire Clamp Combo Head
Mounting Options	None
Screw Plating Material	Zinc
Screw Material	Steel
Thread Size	M3
Screw Head Type	Combo Phil-Slot

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
-----------------------------	----------------------------

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Operation/Application

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

Industry Standards

UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Method	Package
Packaging Quantity	300

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	Wave solder capable to 265°C

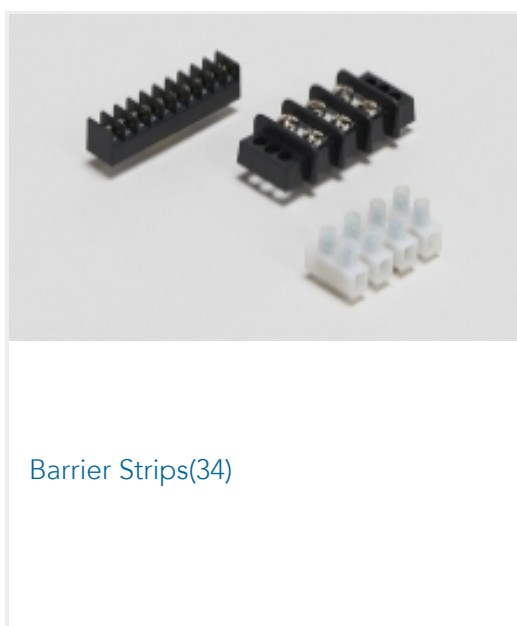
Product Compliance Disclaimer

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



Also in the Series | Buchanan 3 Series



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_5-1437646-4_H.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1437646-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1437646-4_H.3d_stp.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