

#### Buchanan | Buchanan 6 Series

TE Internal #: 6-1437651-2

Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 2 Position, 9.53 mm [.

375 in] Centerline, 1 Row, Buchanan 6 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: 2

Centerline (Pitch): 9.53 mm [.375 in]

### **Features**

### Product Type Features

Block Style	Flat Bottom
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Number of Levels	1
Number of Positions	2
Number of Rows	1
Electrical Characteristics	
Operating Voltage	300 V
Body Features	
Primary Product Color	Black
Product Orientation	Right Angle
Barrier Strip Style	Tri-Barrier

**Contact Features** 



PCB Contact Termination Area Plating Material	Tin
Contact Termination Area Plating Material  Contact Base Material	Copper Alloy
Contact Base Material  Contact Current Rating (Max)	25 A
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Termination Features	
Bottom Termination Type	Printed Circuit Pin
Mechanical Attachment	
Screw Head Type	Combo Phil-Slot
Screw Plating Material	Zinc Chromate
Screw Material	Steel
Top Termination Type	Wire Clamp Combo Head
Mounting Options	None
Thread Size	6-32
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	Thermoplastic
Centerline (Pitch)	9.53 mm[.375 in]
Dimensions	
Product Length	20.6 mm[.811 in]
Wire Size	$.3 - 3 \text{ mm}^2$
Usage Conditions	
Operating Temperature Range	0 - 105 °C[0 - 221 °F]
Operation/Application	
Circuit Application	Power
Industry Standards	
UL Flammability Rating	UL 94V-0
Packaging Features	
Packaging Quantity	280
Packaging Method	Package

## **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU Compliant
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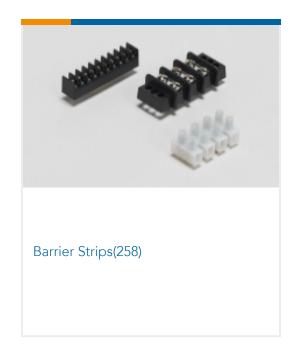


EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	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

### Also in the Series | Buchanan 6 Series



# Customers Also Bought





















### **Documents**

### **Product Drawings**

6PCR-02-006=6PCR ASSEMBLY

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_6-1437651-2\_M.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_6-1437651-2\_M.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_6-1437651-2\_M.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