

## Buchanan | Buchanan 6 Series

TE Internal #: 3-1546158-0

Barrier Strips, Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 4 Position, 9.53 mm [.375 in] Centerline, 1 Row, Buchanan 6 Series

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#### 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: 4

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	4
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



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	25 A
Termination Features	
Bottom Termination Type	Printed Circuit Pin
Mechanical Attachment	T TITLE OF CITCUIT T III
Screw Head Type	Combo Phil-Slot
Screw Plating Material	Zinc Chromate
Screw Material  Top Tormination Type	Steel Wire Clamp Camba Hand
Top Termination Type  Mounting Options	Wire Clamp Combo Head
Mounting Options  Thread Size	6-32 Mounting Threads 6-32
Connector Mounting Type	Board Mount
	Dodra Mount
Housing Features	T
Housing Material	Thermoplastic
Centerline (Pitch)	9.53 mm[.375 in]
Dimensions	
Product Length	58.7 mm[2.311 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	160
Packaging Method	Package
Other	
Terminal Blocks & Strips Comment	Do not order screw and captive clamp in combination with other top hardware., Other options available upon request, consult our Product Information Center.



## **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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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

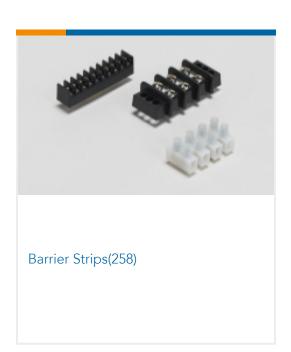
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 6 Series





# Customers Also Bought











# **Documents**

## **Product Drawings**

6PCR-04-008=6 SERIES ASSEMBLY

English

## **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_3-1546158-0\_H.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_3-1546158-0\_H.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_3-1546158-0\_H.3d\_igs.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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Datasheets & Catalog Pages
1-1773458-2\_BARRIER\_STRIPS\_QUICK\_REFERENCE\_GUIDE

English