

3-1546686-6 ✓ ACTIVE

Buchanan | Buchanan 6 Series

TE Internal #: 3-1546686-6

Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 22 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: **22**

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

## Features

### Product Type Features

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

### Configuration Features

Number of Levels	1
Number of Positions	22
Number of Rows	1

### Electrical Characteristics

Operating Voltage	300 V, 600 V
-------------------	--------------

### Body Features

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

### Contact Features



PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	5 A, 25 A

#### 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	Binding Combo Head
Mounting Options	End Positions Empty
Thread Size	6-32
Connector Mounting Type	Board Mount

#### Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	9.53 mm [.375 in]

#### Dimensions

Product Length	230.15 mm [9.061 in]
Wire Size	.3 – 3 mm <sup>2</sup>

#### Operation/Application

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

#### Industry Standards

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

#### Packaging Features

Packaging Quantity	40
Packaging Method	Package

#### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2022 (224)

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

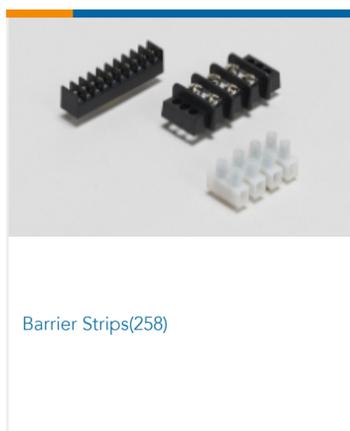
Product Compliance Disclaimer

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



TE Part #1-6609027-5  
10EK7=F7095 S0



TE Part #2267077-1  
TMS1T4B5M2RE



TE Part #1658017-3  
MSB0.80PL19ASY120FL,-,10,-TY



TE Part #2-1658012-3  
MSB0.80RC-ASY120FL,-,10,-TY



TE Part #2176347-6  
CRGCQ 2010 27R 1%



TE Part #9-1879352-1  
RR02 5% 1K8 AMMO

## Documents

### Product Drawings

[6PCV-22-009=#6 TRIBARRIER](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546686-6\\_M.2d\\_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546686-6\\_M.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_3-1546686-6\\_M.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - BARRIER STRIPS](#)

English

[1-1773458-2\\_BARRIER\\_STRIPS\\_QUICK\\_REFERENCE\\_GUIDE](#)

English