## Buchanan | BUCHANAN 6 Series

TE Internal #: 8-1437653-1

16 Position Barrier Strip, Tri-Barrier, Printed Circuit Pin Bottom Termination, Wire-to-Board, 9.53 mm [.375 in] Centerline, 1 Row,

**BUCHANAN 6 Series** 

View on TE.com >



Connectors > Terminal Blocks & Strips > Barrier Strips



Number of Positions: 16
Barrier Strip Style: Tri-Barrier

Bottom Termination Type: Printed Circuit Pin

Connector System: Wire-to-Board
Centerline (Pitch): 9.53 mm [.375 in]

## **Features**

#### **Product Type 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               | 16                         |
| 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                  |                            |
| Contact Base Material             | Copper Alloy               |

Tin

5 A, 25 A

### **Termination Features**

Contact Current Rating (Max)

PCB Contact Termination Area Plating Material



| Bottom Termination Type | Printed Circuit Pin |
|-------------------------|---------------------|
| Mechanical Attachment   |                     |
| Top Termination Type    | Binding Combo Head  |
| Mounting Options        | None                |
| Screw Plating Material  | Zinc Chromate       |
| Thread Size             | 6-32                |
| Screw Material          | Steel               |
| Screw Head Type         | Combo Phil-Slot     |
| Connector Mounting Type | Board Mount         |
| Housing Features        |                     |
| Housing Material        | Thermoplastic       |
| Centerline (Pitch)      | 9.53 mm[.375 in]    |
| Dimensions              |                     |
| Product Length          | 153.95 mm[6.061 in] |
| Wire Size               | 22 – 12 AWG         |
| Operation/Application   |                     |
| Circuit Application     | Power               |
| Industry Standards      |                     |
| UL Flammability Rating  | UL 94V-0            |
| Packaging Features      |                     |
| Packaging Method        | Package             |
| Packaging Quantity      | 60                  |

## **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: JAN 2025<br>(247)<br>Candidate List Declared Against: JUL 2021<br>(219)<br>Does not contain REACH SVHC |



Halogen Content

Not Yet Reviewed for halogen content

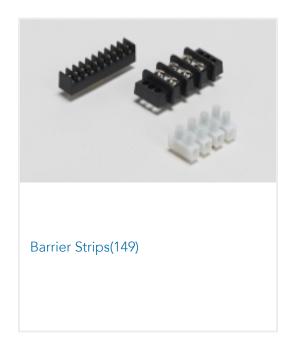
Solder Process Capability

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** 

6PCV-16-007=6 SERIES ASSY

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_8-1437653-1\_P.3d\_igs.zip

English

**Customer View Model** 



ENG\_CVM\_CVM\_8-1437653-1\_P.3d\_stp.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_8-1437653-1\_P.2d\_dxf.zip

English

3D PDF

3D

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