# 7-1546158-9 ✔ ACTIVE

Buchanan | Buchanan 6 Series

TE Internal #: 7-1546158-9

Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 20 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: **20**

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 | 20 |
| 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 | Slotted |
| 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 | 211.1 mm[8.311 in] |
| Wire Size | .3 – 3 mm² |

### Operation/Application

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

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 50 |
| Packaging Method | Package |

## Product Compliance

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

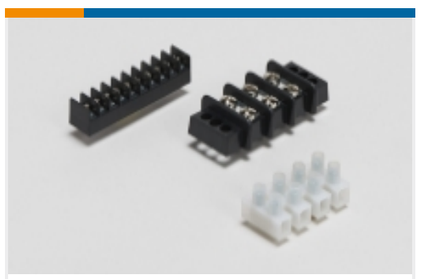
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |

| | |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2024 (241)<br>Candidate List Declared Against: JUNE 2024 (241)<br>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



Barrier Strips(258)

## Customers Also Bought



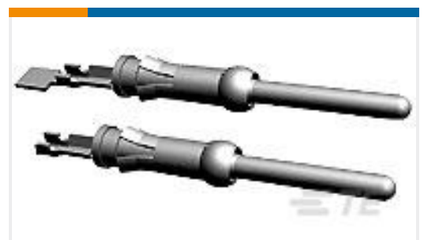
TE Part #205206-9
CRIMP SNAP PLUG ASSY,SIZE 2



TE Part #205204-9
CRIMP SNAP PLUG ASSY,SIZE 1



TE Part #207464-2
CRIMP SNAP PLUG ASSY,SZ 3



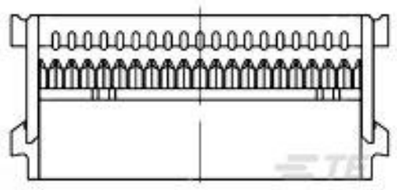
TE Part #1-66099-5
III+ PIN,18-16,TIN ,LP



TE Part #1478762-9
METAL BACKSHELL 9 WAY TOP E



TE Part #205089-1
HD 20 PIN CONTACT



TE Part #2-1658526-3
609-5030LF FEM SOCKT,LEAD FREE



TE Part #1825603-1
BP1532004=Boot,Pushbutton



TE Part #323975
SPLICE, BUTT, PIDG, 24-20



TE Part #5-1437567-0
MPG106F=(MSPG) SWITCH PUSHBUTT

## Documents

### Product Drawings

6PCV-20-1362=6 SERIES SPECIAL

English

### CAD Files

Customer View Model

ENG_CVM_CVM_7-1546158-9_M.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1546158-9_M.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1546158-9_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

### Agency Approvals

UL

English

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## TE Connectivity:

1-794222-0 3-1393225-0 MPT100C18RF 1393431-1 2310537-1 3631B101LL 917696-1 CPF0402B37K4E1 SBCHE154R7K 141991-2 1743455-2 175977-2 936348-1 RH73H2A40MKTN 1-962915-1 1903112-2 ROX05SJ18R TE50BR39J 1969656-1 2834055-1 SBCHE64R7K U5254-000005-030PA SMW73R0JT 2380312-2 650075-000 2005330-1 2377783-2 CRGCQ2010J3K3 2-292161-3 3430B2F51RTDF