# 6PCR-08-007 ✔ ACTIVE

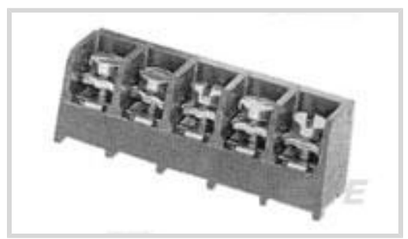
Buchanan | Buchanan 6 Series

TE Internal #: 3-1546158-3

Buchanan 6 Series, Barrier Strips, Tri-Barrier, Printed Circuit, Wire-to-Board, 8 Position, 9.53mm [.375in] Centerline, 1 Row, 300V Voltage Rating

View on TE.com >

Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Printed Circuit**

Connector System: **Wire-to-Board**

Number of Positions: **8**

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

## Features

### Product Type Features

| | |
|---|---|
| Product Type | Barrier Strip |
| Block Style | Open Bottom with Standoffs |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Number of Levels | 1 |
| Number of Positions | 8 |
| Number of Rows | 1 |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 25 A |
| Voltage Rating | 300 V |

### Body Features

| | |
|---|---|
| Color | Black |
| Barrier Strip Style | Tri-Barrier |

### Contact Features

| | |
|---|---|
| Terminal Plating Material | Tin |
| Terminal Material | Copper Alloy |
| Terminal Plating Finish | Bright |

| | |
|---|---|
| Contact Current Rating (Max) | 25 A |

## Termination Features

| | |
|---|---|
| Bottom Termination Type | Printed Circuit |

## Mechanical Attachment

| | |
|---|---|
| Mounting Angle | Right Angle |
| Screw Head Type | Combo Phil-Slot |
| Top Termination Type | Binding Combo Head |
| Mounting Insert | Without |
| Screw Plating Material | Zinc Chromate |
| Screw Material | Steel |
| Mounting Options | None |
| Mounting Ears | Without |
| Screw Size | 6-32 |
| Connector Mounting Type | Board Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| Length | 77.75 mm[3.061 in] |
| Wire Size | .3 – 3 $mm^2$ |

## 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 | 10 |
| Packaging Method | Package |

## Other

| | |
|---|---|
| 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

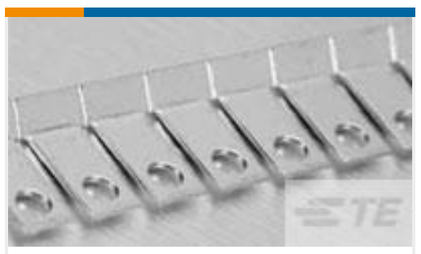
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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: JUL 2021 (219)<br>Candidate List Declared Against: JUL 2021 (219)<br>Does not contain REACH SVHC |
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°C |

Product Compliance Disclaimer

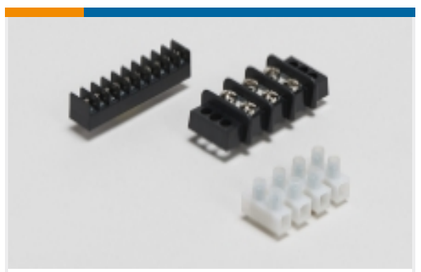
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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



TE Part # 5-1437418-6
J6340=JUMPER R T 3/8 40 CKTS

## Also in the Series | Buchanan 6 Series



Barrier Strips(258)

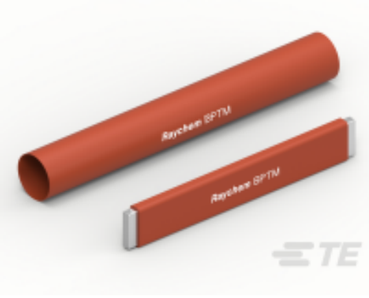
## Customers Also Bought



TE Part #1571982-4
TSS11EGPC04=SLIDE SWITCH SPDT



TE Part #146507-2
04 MODII HDR DRST UNSHRD STKG




TE Part #478203-000
BPTM-30/12-A/U(B50)



TE Part #3-1393771-4
JWS-117-3=REED RELAYS



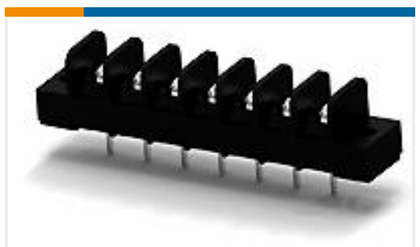
TE Part #104078-3
10 SYSTEM 50 RCPT ASSY DRST



TE Part #1571982-2
TSS11DG1PC04=SLIDE SWITCH SPDT



TE Part #1571982-3
TSS11EG1PC04=SLIDE SWITCH SPDT



TE Part #7-796985-5
JC6-P207-19=JC6 ASSY

## Documents

### Product Drawings

6PCR-08-007=6PCR ASSEMBLY

English

### CAD Files

Customer View Model

ENG_CVM_CVM_3-1546158-3_L.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1546158-3_L.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1546158-3_L.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