# 6PCV-04-007 ✔ ACTIVE

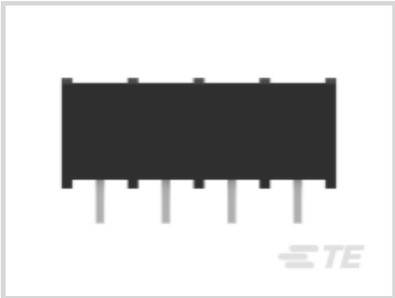
Buchanan | BUCHANAN 6 Series

TE Internal #: 6-1437652-8

4 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



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 with standoffs |
| 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, 600 V |

### Body Features

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

### Contact Features

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

### Termination Features

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

### Mechanical Attachment

| | |
|---|---|
| Top Termination Type | Binding Combo Head |
| Mounting Options | None |
| Screw Plating Material | Zinc Chromate |
| Screw Material | Steel |
| Thread Size | 6-32 |
| 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 | 39.65 mm[1.561 in] |
| Wire Size | 22 – 12 AWG |

### Operation/Application

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

### Industry Standards

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

### Packaging Features

| | |
|---|---|
| Packaging Quantity | 180 |

## Product Compliance

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

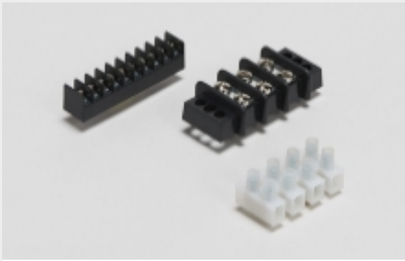
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量符合标准要求 No Restricted |

| | Substance(s) Above Threshold |
|---|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250)<br>Candidate List Declared Against: JUNE 2025 (250)<br>Does not contain REACH SVHC |
| Halogen Content | Low Halogen - Br, Cl, F < 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

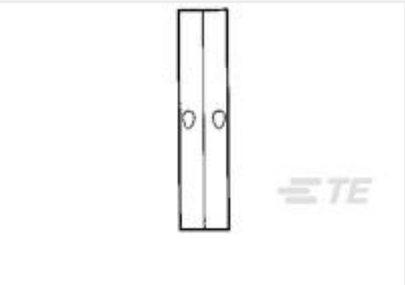


Barrier Strips(59)

## Customers Also Bought

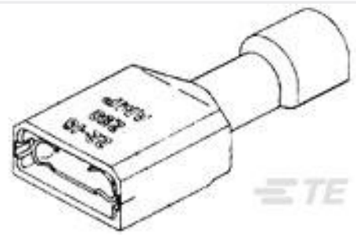
TE Part #802503-SF
FN2030B-4-06

TE Part #2-32961-1
TERMINAL,PG R 16-14 1/4

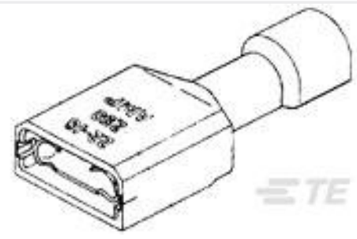


TE Part #34321
SPLICE,SOLIS BUTT 8

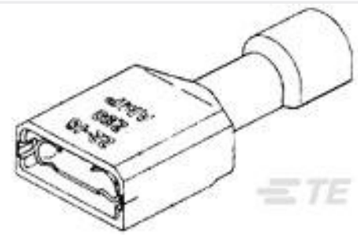
TE Part #413990-1
STR JACK, SMB, PCB



TE Part #2-520084-2
ULTRAFAST 110 ASSY REC 22-18 TPBR LP



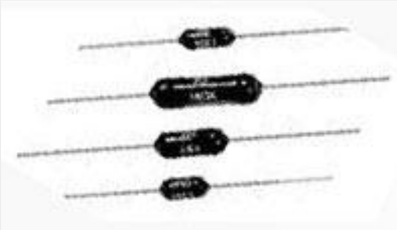
TE Part #2-520184-2
ULTRAFAST 250 ASSY REC 22-18 TPBR LP



TE Part #2-520194-2
ULTRAFAST 187 ASSY REC 22-18 TPBR LP

TE Part #2-1437624-4
PKB90B1/4=KNOB PLASTIC W/SKIRT

TE Part #1-1625999-2
HSC100 1K5 5%



TE Part #6-1879627-1
H4P 3K3 1% 100PPM

## Documents

### Product Drawings

6PCV-04-007=ASSEMBLY

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_6-1437652-8_P.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_6-1437652-8_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_6-1437652-8_P.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