

1437654-1 ✓ ACTIVE

Buchanan

TE Internal #: 1437654-1

Tri-Barrier, Printed Circuit Pin, Wire-to-Board, 17 Position, 9.53 mm [.375 in] Centerline, 1 Row, Operating Voltage 300 V / 600 V, Barrier Strips

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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: **17**

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 | 17 |
| 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 Plating Material  | Zinc Chromate      |
| Screw Material          | Steel              |
| Top Termination Type    | Binding Combo Head |
| Mounting Options        | None               |
| Thread Size             | 6-32               |
| Connector Mounting Type | Board Mount        |

### Housing Features

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

### Dimensions

|                |                        |
|----------------|------------------------|
| Product Length | 163.47 mm [6.436 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 | 60      |
| 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)

Candidate List Declared Against: JAN 2023 (233)

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>

### Customers Also Bought



TE Part #HDC16-6  
DUST CAP ASM



TE Part #776428-1  
AMPSEAL 16 Housings



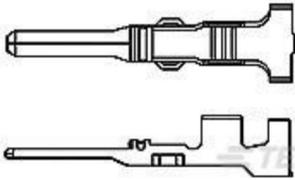
TE Part #1-776262-5  
14POS, PIN DIA 1.3, HDR ASSY, 180DEG, COD 5



TE Part #5-1437653-8  
6PCV-12-718=6PCV ASSEMBLY



TE Part #7-1437653-6  
6PCV-15-993=6PCV ASSEMBLY



TE Part #345809-1  
.070" TAB ECONOSEAL 3



TE Part #2292865-1  
AMPSEAL 16 Connectors Backshell

### Documents

Product Drawings

6PCV-17-1206=6PCV ASSEMBLY

English



### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1437654-1\\_P.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1437654-1\\_P.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1437654-1\\_P.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