



Connectors > Terminal Blocks & Strips > Barrier Strips



Number of Positions: 18

Barrier Strip Style: Tri-Barrier

Bottom Termination Type: Printed Circuit Pin

Connector System: Wire-to-Board

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

Features

Industry Standards

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

Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 40      |

Operation/Application

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

Mechanical Attachment

|                         |                       |
|-------------------------|-----------------------|
| Top Termination Type    | Wire Clamp Combo Head |
| Mounting Options        | End Positions Empty   |
| Screw Plating Material  | Zinc Chromate         |
| Screw Material          | Steel                 |
| Thread Size             | 6-32                  |
| Screw Head Type         | Combo Phil-Slot       |
| Connector Mounting Type | Board Mount           |

Contact Features

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



Dimensions

|                |                     |
|----------------|---------------------|
| Product Length | 192.05 mm[7.561 in] |
| Wire Size      | 22 – 12 AWG         |

Housing Features

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

Product Type Features

|                                   |                            |
|-----------------------------------|----------------------------|
| Block Style                       | Flat Bottom with standoffs |
| Connector System                  | Wire-to-Board              |
| Connector & Contact Terminates To | Printed Circuit Board      |

Body Features

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

Configuration Features

|                     |    |
|---------------------|----|
| Number of Levels    | 1  |
| Number of Positions | 18 |
| Number of Rows      | 1  |

Termination Features

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

Electrical Characteristics

|                   |              |
|-------------------|--------------|
| Operating Voltage | 300 V, 600 V |
|-------------------|--------------|

Other

|                    |           |
|--------------------|-----------|
| EU RoHS Compliance | Compliant |
| EU ELV Compliance  | Compliant |

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

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>

Also in the Series | Buchanan 6 Series

Barrier Strips(149)

Customers Also Bought

TE Part #3-640440-4  
04P MTA100 CONN ASSY 22AWG RED

TE Part #643075-6  
06P MTA100 MOLDED COVER

TE Part #770010-3  
UMNL II SOK PTPPHBZ

TE Part #1-770904-0  
MINI UMNL SOK 22-18 AWG AU



Documents

Product Drawings

6PCV-18-008=6 SERIES

English

CAD Files

Customer View Model

ENG\_CVM\_CVM\_1437654-9\_J.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_CVM\_1437654-9\_J.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_1437654-9\_J.3d\_igs.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