



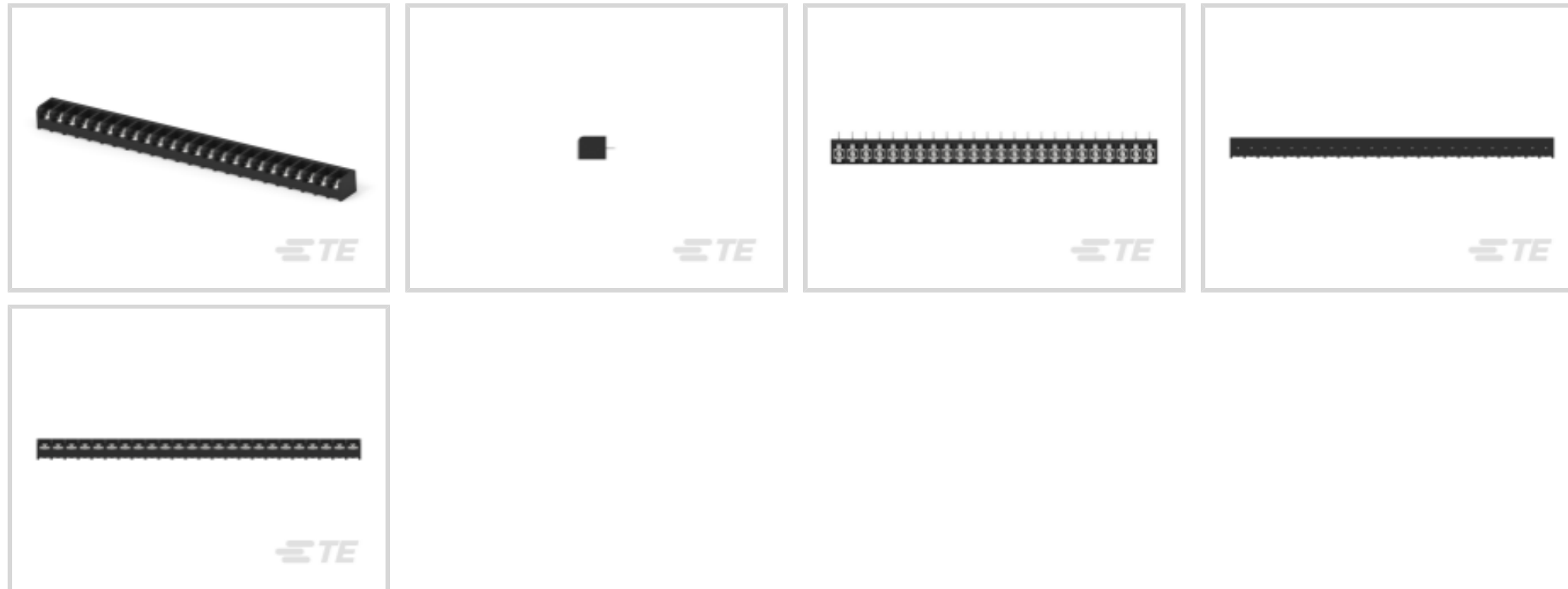
Buchanan | Buchanan 4 Series

TE Internal #: 9-1546119-1

24 Position Barrier Strip, Tri-Barrier, Printed Circuit Pin Bottom Termination, Wire-to-Board, 8.26 mm [.325 in] Centerline, 1 Row, Buchanan 4 Series

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > Barrier Strips



Number of Positions: **24**

Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Printed Circuit Pin**

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

Centerline (Pitch): **8.26 mm [.325 in]**

## Features

### Industry Standards

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

### Packaging Features

|                    |         |
|--------------------|---------|
| Packaging Method   | Package |
| Packaging Quantity | 60      |

### Operation/Application

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

### Mechanical Attachment

|                         |                       |
|-------------------------|-----------------------|
| Top Termination Type    | Wire Clamp Combo Head |
| Mounting Options        | None                  |
| Screw Plating Material  | Zinc Chromate         |
| Screw Material          | Steel                 |
| Thread Size             | 8-32                  |
| Screw Head Type         | Wire Clamp Combo Head |
| Connector Mounting Type | Board Mount           |



### Contact Features

|                              |              |
|------------------------------|--------------|
| Contact Base Material        | Copper Alloy |
| Contact Current Rating (Max) | 20 A         |

### Dimensions

|                |                     |
|----------------|---------------------|
| Product Length | 199.67 mm[7.861 in] |
| Wire Size      | 22 – 12 AWG         |

### Product Type Features

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

### Body Features

|                       |             |
|-----------------------|-------------|
| Primary Product Color | Black       |
| Product Orientation   | Right Angle |
| Barrier Strip Style   | Tri-Barrier |

### Configuration Features

|                     |    |
|---------------------|----|
| Number of Levels    | 1  |
| Number of Positions | 24 |
| Number of Rows      | 1  |

### Termination Features

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

### Electrical Characteristics

|                   |       |
|-------------------|-------|
| Operating Voltage | 150 V |
|-------------------|-------|

### Housing Features

|                    |                  |
|--------------------|------------------|
| Centerline (Pitch) | 8.26 mm[.325 in] |
|--------------------|------------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

### Other

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

### Product Compliance



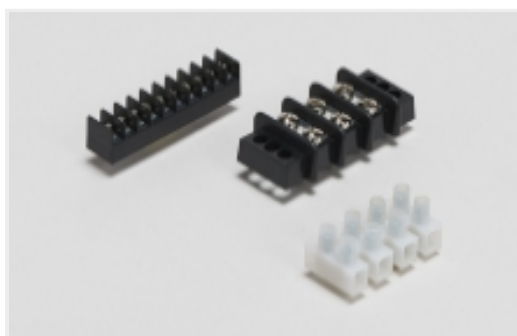
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| 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)<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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | [Buchanan 4 Series](#)

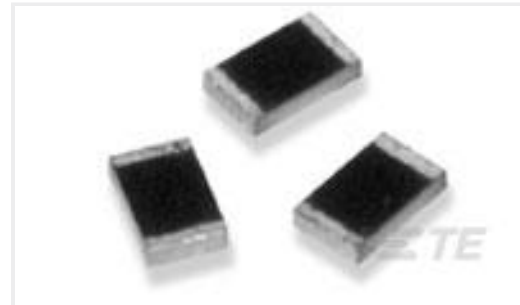


[Barrier Strips\(47\)](#)

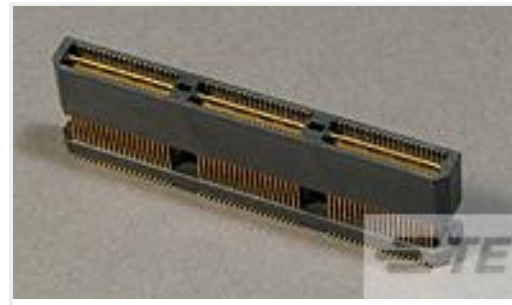
Customers Also Bought



TE Part #2-1658012-3  
MSB0.80RC-ASY120FL,-,10,-TY



TE Part #3-1879280-1  
RP 2A 178K 0.1% 15PPM CUT LENG



TE Part #1658017-3  
MSB0.80PL19ASY120FL,-,10,-TY



TE Part #1-6609027-5  
10EK7=F7095 S0



TE Part #1-292228-6  
1.5 MINI CT SGL H SMT W/O BOSS



TE Part #292231-3  
1.5 MINI CT SGL V SMT W/O BOSS



TE Part #2267077-1  
TMS1T4B5M2RE



TE Part #2176347-6  
CRGCQ 2010 27R 1%



TE Part #4-1879499-9  
CRGH2010 5% 100R 1W



TE Part #9-1879352-1  
RR02 5% 1K8 AMMO

## Documents

### Product Drawings

[4PCR-24-006](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1546119-1\\_G.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1546119-1\\_G.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_9-1546119-1\\_G.2d\\_dxf.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