



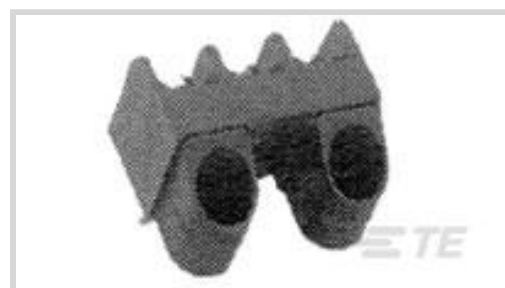
**Buchanan | Buchanan 8 Series**

TE Internal #: 1-1437659-2

Barrier Strips, Tri-Barrier, Quick Connects, Wire-to-Board, 2 Position, 11.1 mm [.438 in] Centerline, 1 Row, 600 V, Buchanan 8 Series

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Tri-Barrier**

Bottom Termination Type: **Quick Connects**

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

Number of Positions: **2**

Centerline (Pitch): **11.1 mm [.438 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 | 2 |
| Number of Rows      | 1 |

**Electrical Characteristics**

|                      |       |
|----------------------|-------|
| Current Rating (Max) | 30 A  |
| Voltage Rating       | 600 V |

**Body Features**

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

**Contact Features**

|                         |                                |
|-------------------------|--------------------------------|
| Blade Size              | 4.75 x .81 mm [.187 x .032 in] |
| Terminal Material       | Copper Alloy                   |
| Terminal Plating Finish | Bright                         |



|                           |     |
|---------------------------|-----|
| Terminal Plating Material | Tin |
|---------------------------|-----|

|                              |      |
|------------------------------|------|
| Contact Current Rating (Max) | 30 A |
|------------------------------|------|

### Termination Features

|                         |                |
|-------------------------|----------------|
| Bottom Termination Type | Quick Connects |
|-------------------------|----------------|

### Mechanical Attachment

|                |          |
|----------------|----------|
| Mounting Angle | Vertical |
|----------------|----------|

|                 |                 |
|-----------------|-----------------|
| Screw Head Type | Combo Phil-Slot |
|-----------------|-----------------|

|                      |                       |
|----------------------|-----------------------|
| Top Termination Type | Wire Clamp Combo Head |
|----------------------|-----------------------|

|                 |         |
|-----------------|---------|
| Mounting Insert | Without |
|-----------------|---------|

|                        |               |
|------------------------|---------------|
| Screw Plating Material | Zinc Chromate |
|------------------------|---------------|

|                |       |
|----------------|-------|
| Screw Material | Steel |
|----------------|-------|

|                  |      |
|------------------|------|
| Mounting Options | None |
|------------------|------|

|               |         |
|---------------|---------|
| Mounting Ears | Without |
|---------------|---------|

|            |      |
|------------|------|
| Screw Size | 8-32 |
|------------|------|

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|                  |               |
|------------------|---------------|
| Housing Material | Thermoplastic |
|------------------|---------------|

|                    |                   |
|--------------------|-------------------|
| Centerline (Pitch) | 11.1 mm [.438 in] |
|--------------------|-------------------|

### Dimensions

|        |                    |
|--------|--------------------|
| Length | 24.08 mm [.948 in] |
|--------|--------------------|

|           |                             |
|-----------|-----------------------------|
| Wire Size | .326 – 5.26 mm <sup>2</sup> |
|-----------|-----------------------------|

### Usage Conditions

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 120 °C [-40 – 248 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

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

### Industry Standards

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

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 240 |
|--------------------|-----|

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

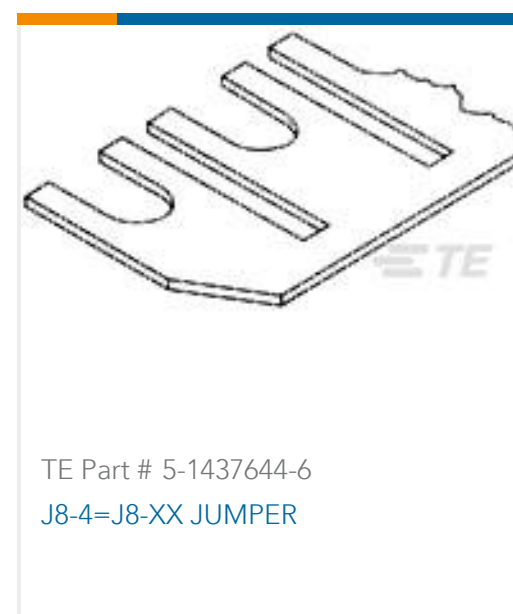
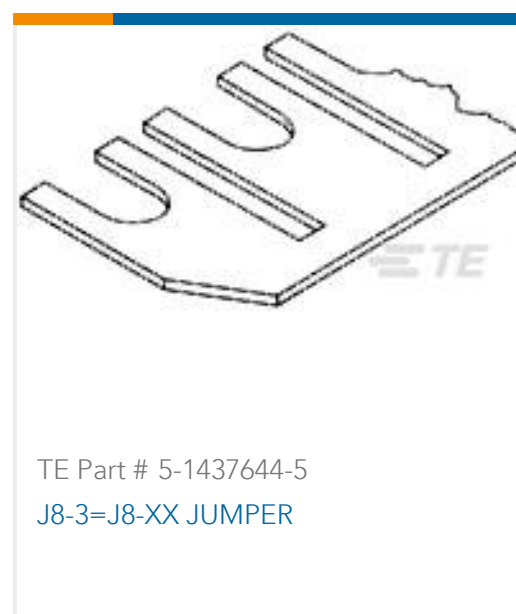
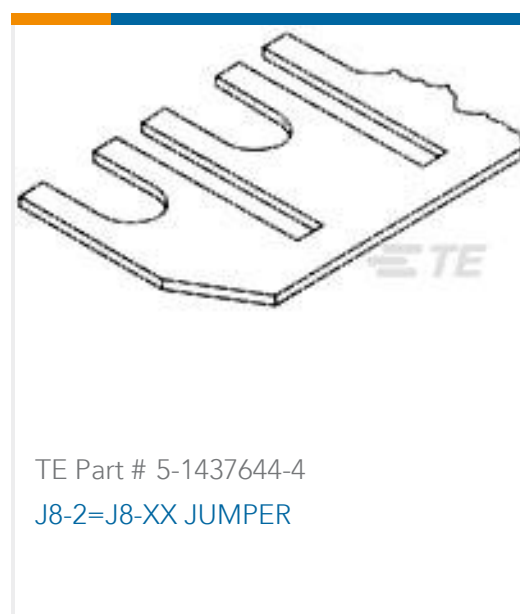
[For compliance documentation, visit the product page on TE.com>](#)

|   |   |
|---|---|
| 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: JUNE 2022 (224)<br>Candidate List Declared Against: JUNE 2022 (224)<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  |

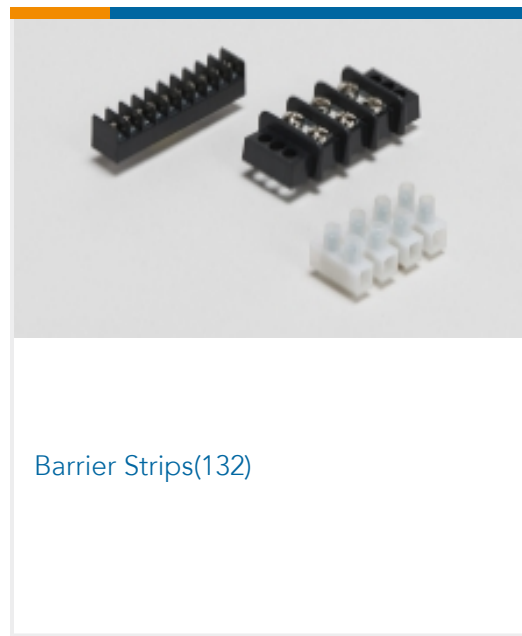
#### Product Compliance Disclaimer

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



### Also in the Series | Buchanan 8 Series



## Documents

### Product Drawings

[8QCV-02-008=8QCV ASSY](#)

English

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### Datasheets & Catalog Pages

[1-1773458-2\\_BARRIER\\_STRIPS\\_QUICK\\_REFERENCE\\_GUIDE](#)

English