

# 4DB-P207-05 ✓ ACTIVE

Buchanan | Buchanan 4DB Series

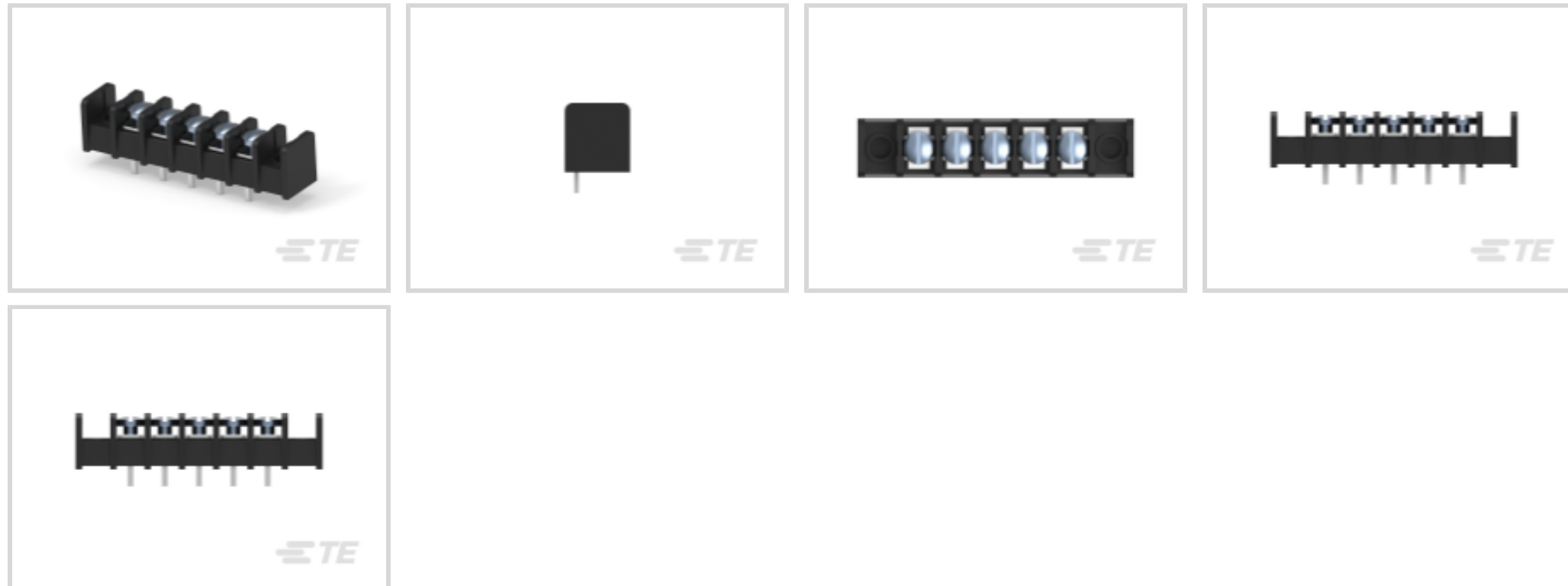
TE Internal #: 5-1437667-8

Barrier Strips, Dual Barrier, Printed Circuit Pin, Wire-to-Board, 5 Position, 8.26 mm [.325 in] Centerline, 1 Row, 300 V / 150 V, Buchanan 4DB Series

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Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Dual Barrier**

Bottom Termination Type: **Printed Circuit Pin**

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

Number of Positions: **5**

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

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Product Type                      | Barrier Strip         |
| Block Style                       | Flat                  |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Levels    | 1 |
| Number of Positions | 5 |
| Number of Rows      | 1 |

### Electrical Characteristics

|                      |              |
|----------------------|--------------|
| Current Rating (Max) | 10 A, 20 A   |
| Voltage Rating       | 150 V, 300 V |

### Body Features

|                     |              |
|---------------------|--------------|
| Color               | Black        |
| Barrier Strip Style | Dual Barrier |



### Contact Features

|                              |              |
|------------------------------|--------------|
| Terminal Material            | Copper Alloy |
| Terminal Plating Finish      | Bright       |
| Terminal Plating Material    | Tin          |
| Contact Current Rating (Max) | 10 A, 20 A   |

### Termination Features

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

### Mechanical Attachment

|                         |                     |
|-------------------------|---------------------|
| Mounting Angle          | Vertical            |
| Screw Head Type         | Combo Phil-Slot     |
| Top Termination Type    | Binding Combo Head  |
| Mounting Insert         | Without             |
| Screw Plating Material  | Zinc Chromate       |
| Screw Material          | Steel               |
| Mounting Options        | End Positions Empty |
| Mounting Ears           | With                |
| Screw Size              | 6-32                |
| Connector Mounting Type | Board Mount         |

### Housing Features

|                    |                         |
|--------------------|-------------------------|
| Housing Material   | Thermoplastic Polyamide |
| Centerline (Pitch) | 8.26 mm [.325 in]       |

### Dimensions

|           |                        |
|-----------|------------------------|
| Length    | 59.44 mm [2.34 in]     |
| Wire Size | .3 – 3 mm <sup>2</sup> |

### Usage Conditions

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

### Operation/Application

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

### Industry Standards

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

### Packaging Features

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



|                    |    |
|--------------------|----|
| Packaging Quantity | 32 |
|--------------------|----|

|                  |         |
|------------------|---------|
| Packaging Method | Package |
|------------------|---------|

**Other**

|         |                                                                               |
|---------|-------------------------------------------------------------------------------|
| Comment | 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 | Not Yet Reviewed |
|-----------------------------|------------------|

|                                               |                                         |
|-----------------------------------------------|-----------------------------------------|
| 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: JUN 2016 (169)<br>SVHC > Threshold:<br>Not Yet Reviewed |
|----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                |
|-----------------|------------------------------------------------|
| Halogen Content | Not Low Halogen - contains Br or Cl > 900 ppm. |
|-----------------|------------------------------------------------|

|                           |                              |
|---------------------------|------------------------------|
| Solder Process Capability | Wave solder capable to 265°C |
|---------------------------|------------------------------|

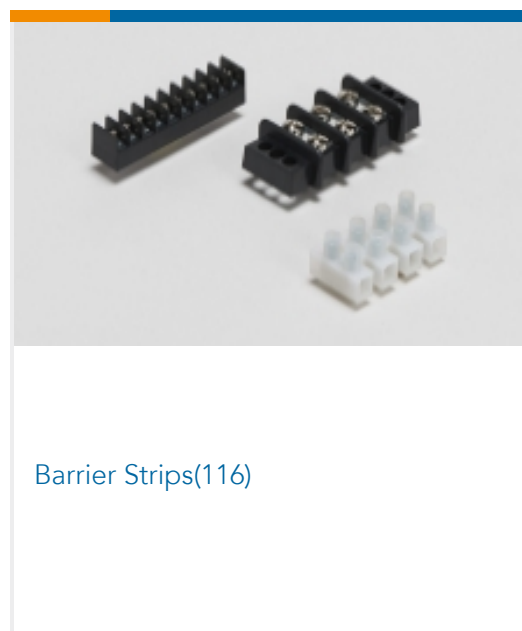
**Product Compliance Disclaimer**

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 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.

**Compatible Parts**



## Also in the Series | Buchanan 4DB Series



## Documents

### Product Drawings

[4DB-P207-05=4DB ASSEMBLY](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1437667-8\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1437667-8\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_5-1437667-8\\_E.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

[BUCHANAN TERMINAL BLOCKS CATALOG - BARRIER STRIPS](#)

English

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

English