

# 4DB-R108-05 ✓ ACTIVE

Buchanan | Buchanan 4DB Series

TE Internal #: 7-1437667-4

Barrier Strips, Dual Barrier, Printed Circuit Pin, Wire-to-Board, 5 Position, 8.26 mm [.325 in] Centerline, 1 Row, 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

|                                   |                       |
|-----------------------------------|-----------------------|
| Block Style                       | Flat Bottom           |
| 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

|                   |              |
|-------------------|--------------|
| Operating Voltage | 150 V, 300 V |
|-------------------|--------------|

### Body Features

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

### Contact Features



|   |              |
|---|--------------|
| PCB Contact Termination Area Plating Material | Tin          |
| Contact Base Material                         | Copper Alloy |
| Contact Current Rating (Max)                  | 10 A, 20 A   |

#### Termination Features

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

#### Mechanical Attachment

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

#### Housing Features

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

#### Dimensions

|                |                        |
|----------------|------------------------|
| Product Length | 42.93 mm [1.69 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 | 40      |
| Packaging Method   | Package |

#### Other

|                                  |   |
|----------------------------------|---|
| Terminal Blocks & Strips 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 2023 (235)<br>Candidate List Declared Against: JAN 2022 (223)<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   |

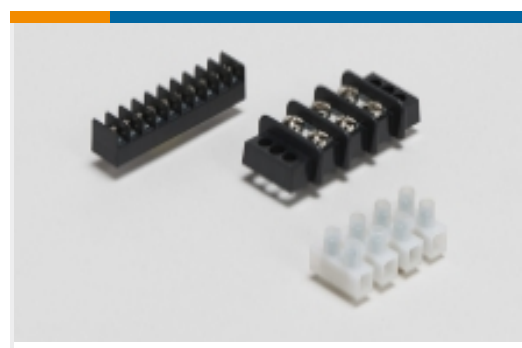
### Product Compliance Disclaimer

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 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

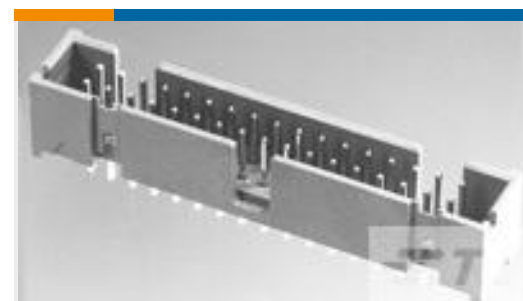


Also in the Series | [Buchanan 4DB Series](#)



Barrier Strips(116)

## Customers Also Bought

TE Part #5-1393788-5  
V23079D1001B301TE Part #2-1437565-7  
FSM2JSMA=SMT,TACTILE,PB SWITCHTE Part #725964-2  
250 FASTON TAB TPBRTE Part #3-520124-2  
187 ULTRA-FAST ASY REC 16-14 AWG  
TPBRTE Part #3-520406-2  
ULTRA-FAST 250 ASY REC 16-14 AWG  
TPBRTE Part #5104338-4  
A/L LOW PRO HDR 20P VERT HTTE Part #1623244-1  
CRG0805 1% 51KTE Part #1-2176337-7  
CRGCQ 0402 220R 1%TE Part #2-35108-1  
TERMINAL,PIDG R 12-10 8

## Documents

### Product Drawings

[4DB-R108-05=4DB ASSEMBLY](#)

English

### CAD Files

[3D PDF](#)

English

### Customer View Model

[ENG\\_CVM\\_7-1437667-4\\_B1.3d\\_igs.zip](#)



English

Customer View Model

[ENG\\_CVM\\_7-1437667-4\\_B1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_7-1437667-4\\_B1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_7-1437667-4\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_7-1437667-4\\_E.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_7-1437667-4\\_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