



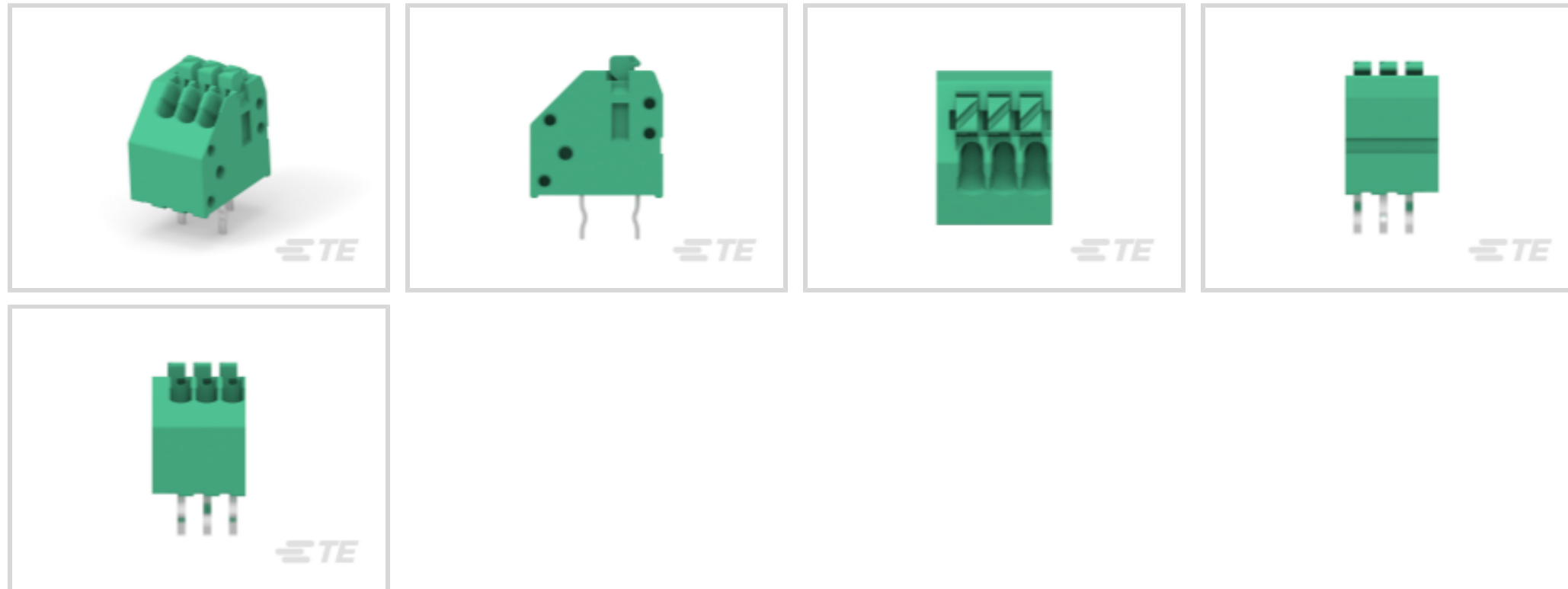
**Buchanan WireMate**

TE Internal #: 1-2834021-3

PCB Terminal Blocks, Receptacle, Wire-to-Board, 3 Position, 1 Row,  
 Top Wire Entry Angle, 26 – 20 AWG Wire Size, 5 A, 300 VAC,  
 Printed Circuit Board

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **3**

Number of Rows: **1**

Wire Entry Angle: **Top**

**Features**

**Product Type Features**

|                                   |                       |
|-----------------------------------|-----------------------|
| Terminal Block Connector Type     | Receptacle            |
| Connector System                  | Wire-to-Board         |
| Sealable                          | No                    |
| Connector & Contact Terminates To | Printed Circuit Board |

**Configuration Features**

|                     |     |
|---------------------|-----|
| Number of Positions | 3   |
| Number of Rows      | 1   |
| Wire Entry Angle    | Top |

**Electrical Characteristics**

|                      |         |
|----------------------|---------|
| Current Rating (Max) | 5 A     |
| Voltage Rating       | 300 VAC |

**Body Features**

|       |       |
|-------|-------|
| Color | Green |
|-------|-------|



### Contact Features

|                                      |              |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Tin          |
| Contact Mount                        | Through Hole |
| Contact Base Material                | Copper       |
| Contact Current Rating (Max)         | 5 A          |

### Mechanical Attachment

|                          |          |
|--------------------------|----------|
| Mounting Angle           | Vertical |
| Screwless Terminal Block | Yes      |

### Housing Features

|                  |                                     |
|------------------|-------------------------------------|
| Housing Color    | Green                               |
| Housing Material | High Temperature Nylon or Polyester |

### Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 26 – 20 AWG |
|-----------|-------------|

### Usage Conditions

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

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Packaging Features

|                  |              |
|------------------|--------------|
| Packaging Method | Box & Carton |
|------------------|--------------|

## 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                               | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free   |
| Solder Process Capability                     | Wave solder capable to 260°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



TE Part # CAT-B8519-P7565  
Poke-In Connector, BUCHANAN  
WireMate



TE Part # CAT-SL36-M6642B  
SLIMSEAL MINIATURE HEADERS



TE Part # 2834334-2  
4.0PITCH ITB CONN\_2P\_W  
CAP\_NATURAL



TE Part # 2834167-3  
RELEASABLE SLIM CONTACT



TE Part # 2834385-2  
RELEASE POKE-IN  
CONNECTOR\_2P\_NATURAL

## Documents

## Product Drawings

3POS 2.5MM TES CONN.

English

## CAD Files

3D PDF

3D

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-3\\_1.2d\\_dxf.zip](#)

English

## Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-3\\_1.3d\\_igs.zip](#)

English



### Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-3\\_1.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[Modular Screwless Terminal Blocks Flyer \(Chinese\)](#)

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

[Modular Screwless Terminal Blocks Flyer](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English