



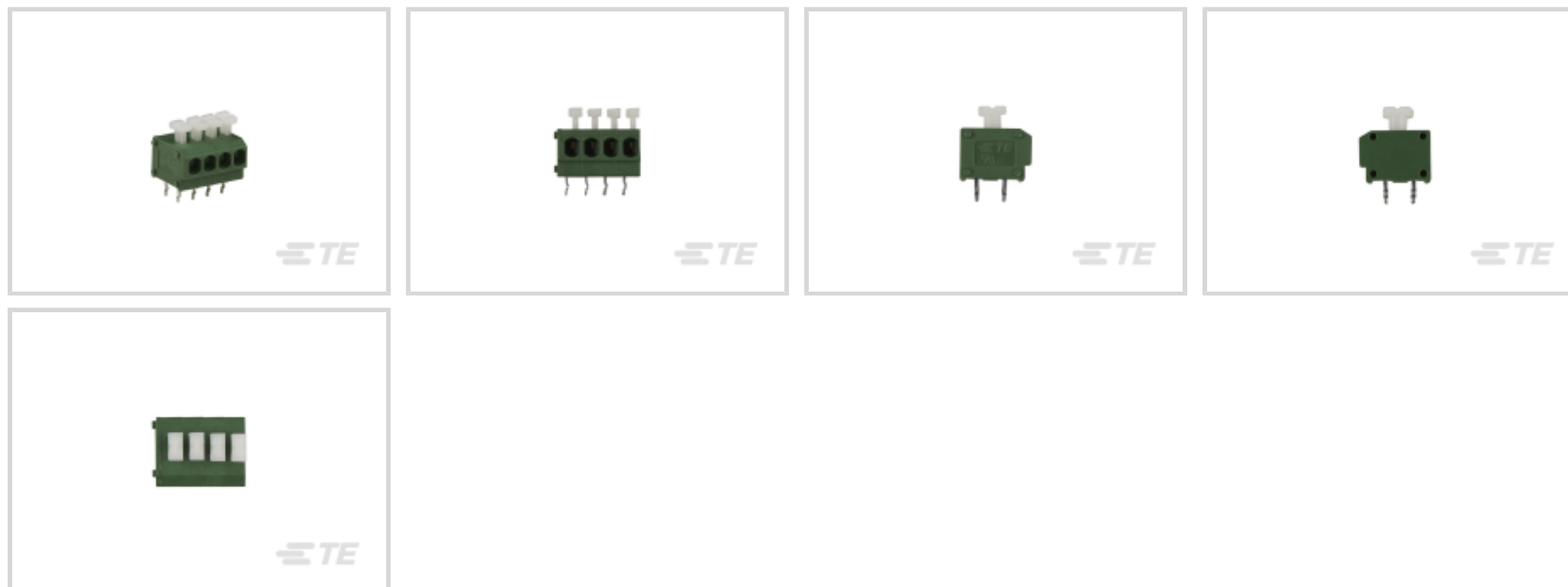
**Buchanan WireMate**

TE Internal #: 1-2834017-3

PCB Terminal Blocks, Receptacle, Wire-to-Board, 3 Position, 1 Row,  
Side Wire Entry Angle, 20 – 16 AWG Wire Size, 8 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: **Side**

**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	Side

**Electrical Characteristics**

Current Rating (Max)	8 A
Voltage Rating	300 VAC

**Body Features**

Color	Green
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Contact Base Material	Copper
Contact Current Rating (Max)	8 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	20 – 16 AWG
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 105 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Box & Carton
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### 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: JAN 2022 (223) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Not Yet Reviewed
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  
BUCHANAN WIREMATE POKE-IN



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

### Customers Also Bought



TE Part #1-2213871-1  
LIGHT CONTROLLER BASE ASSY,  
76MM DIA,5POS



TE Part #1-2306128-1  
PHOTO CONTROL COVER



TE Part #2-2332966-1  
RECEPTACLE, TOOL-LESS  
ROTATABLE DIMMING



TE Part #5-104361-2  
03 MTE HDR SRRA LATCH W/HLDWN



## Documents

### Product Drawings

[3POS 3.81MM TEPS CONN.](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834017-3\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834017-3\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834017-3\\_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](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

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

1-2834017-3

PCB Terminal Blocks, Receptacle, Wire-to-Board, 3 Position, 1 Row, Side Wire Entry  
Angle, 20 – 16 AWG Wire Size, 8 A, 300 VAC, Printed Circuit Board



English