

1-2834021-6 ✓ ACTIVE

**Buchanan WireMate**

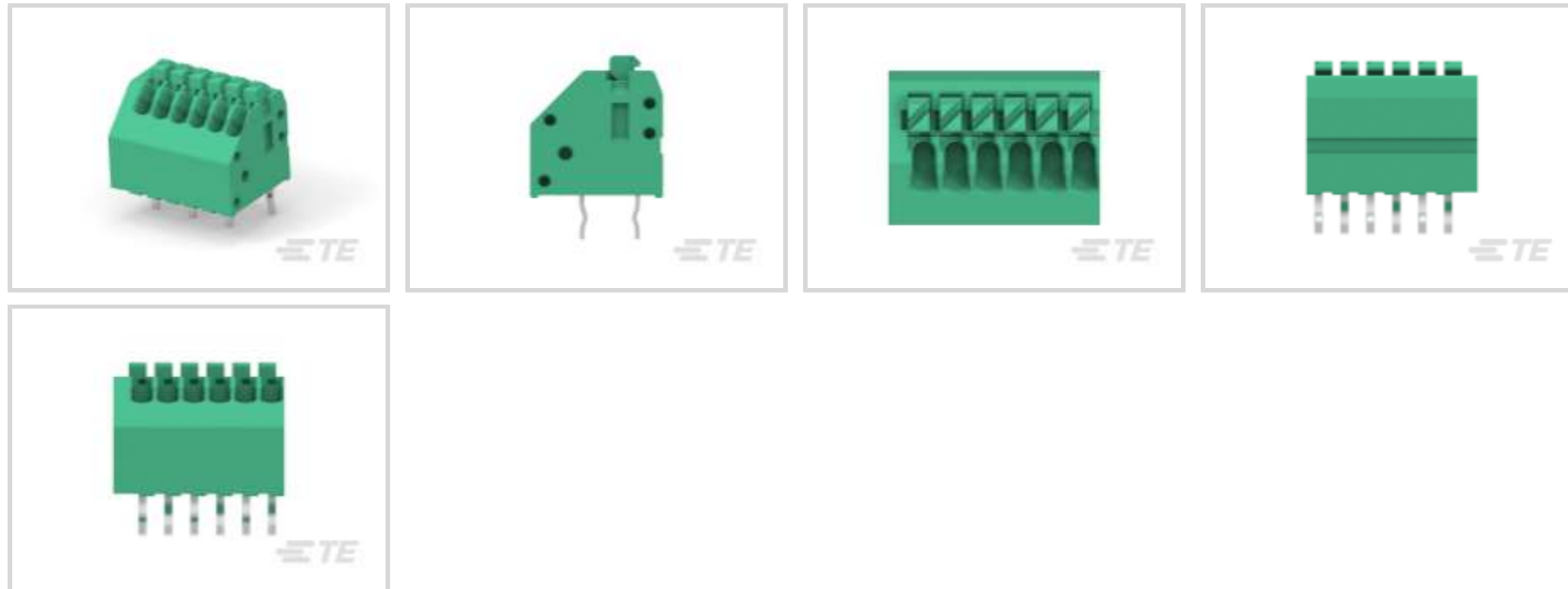
TE Internal #: 1-2834021-6

PCB Terminal Blocks, Receptacle, Wire-to-Board, 6 Position, 1 Row,  
45° Wire Entry Angle, 26 – 20 AWG Wire Size, Operating Voltage  
300 VAC

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **6**

Number of Rows: **1**

Wire Entry Angle: **45°**

### Features

#### Product Type Features

Terminal Block Connector Type	Receptacle
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

#### Configuration Features

Wire Entry Location	Top
Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	1
Wire Entry Angle	45°

#### Electrical Characteristics

Operating Voltage	300 VAC
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#### Body Features

Primary Product Color	Green
Product Orientation	Vertical



### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Copper
Contact Current Rating (Max)	5 A

### Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Push-in

### Housing Features

Housing Material	High Temperature Nylon or Polyester
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### Dimensions

Wire Size	26 – 20 AWG
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °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	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 2023 (235) Candidate List Declared Against: JAN 2022 (223) 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  
Miniature Headers, SlimSeal



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 #5747841-4  
15 MSFL PLUG RA 318 (IN,FM,BL)



TE Part #5-2176070-6  
3521 2K0 1% 2W



TE Part #1625854-4  
1206 PROBE PAD



TE Part #2-1437665-0  
JC6-P108-02=JC6 ASSEMBLY



## Documents

### Product Drawings

[6POS 2.5MM TES CONN.](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-6\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-6\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834021-6\\_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 \(Chinese\)](#)

[Modular Screwless Terminal Blocks Flyer](#)

English

### Product Specifications

[Application Specification](#)

English

### Instruction Sheets

1-2834021-6

PCB Terminal Blocks, Receptacle, Wire-to-Board, 6 Position, 1 Row, 45° Wire Entry  
Angle, 26 – 20 AWG Wire Size, Operating Voltage 300 VAC



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

English