

2834082-1 ✓ ACTIVE

Buchanan WireMate

TE Internal #: 2834082-1

PCB Terminal Blocks, Receptacle, Wire-to-Board, 2 Position, 1 Row,
Side Wire Entry Angle, 28 – 12 AWG Wire Size, 20 A, 300 VAC,
Printed Circuit Board

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **2**

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	2
Number of Rows	1
Wire Entry Angle	Side

Electrical Characteristics

Current Rating (Max)	20 A
Voltage Rating	300 VAC

Body Features

Color	Gray
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Contact Base Material	Copper
Contact Current Rating (Max)	20 A

Mechanical Attachment

Mounting Angle	Vertical
Screwless Terminal Block	Yes

Housing Features

Housing Color	Gray
Housing Material	High Temperature Nylon or Polyester

Dimensions

Wire Size	28 – 12 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

[5.0MM SIDE ENTRY MSC 2P_GY](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2834082-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2834082-1_A.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_CVM_2834082-1_A.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