



[Buchanan WireMate](#) | [Buchanan WireMate TB Series](#)

TE Internal #: 2305909-2

PCB Terminal Blocks, Receptacle, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, Side Wire Entry Angle, Buchanan WireMate TB Series

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[Connectors](#) > [Terminal Blocks & Strips](#) > [PCB Terminal Blocks](#) > [Surface Mount TB Receptacles](#)



Terminal Block Connector Type: **Receptacle**

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

Number of Positions: **2**

Centerline (Pitch): **5 mm [.197 in]**

Number of Rows: **1**

[All Surface Mount TB Receptacles \(44\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|------|
| Number of Positions | 2 |
| Number of Rows | 1 |
| Wire Entry Angle | Side |

Electrical Characteristics

| | |
|----------------------|---------|
| Current Rating (Max) | 15 A |
| Voltage Rating | 300 VAC |



Contact Features

| | |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 15 A |

Mechanical Attachment

| | |
|-------------------------|-------------|
| Mating Angle | Straight |
| Connector Mounting Type | Board Mount |

Housing Features

| | |
|--------------------|----------------|
| Housing Color | Black |
| Housing Material | Thermoplastic |
| Centerline (Pitch) | 5 mm [.197 in] |

Dimensions

| | |
|-----------|----------------------------|
| Wire Size | .13 – 3.31 mm ² |
|-----------|----------------------------|

Operation/Application

| | |
|---------------------|-------|
| Circuit Application | Power |
|---------------------|-------|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|--|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | 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) SVHC > Threshold: Pb (3% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

Product Compliance Disclaimer

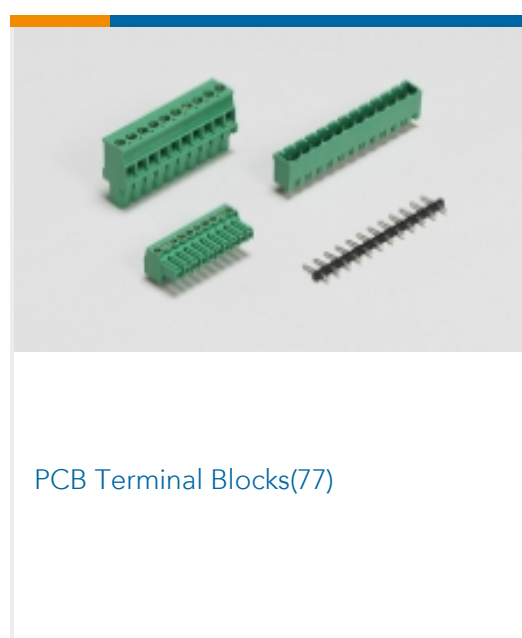
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as

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 WireMate TB Series



Documents

Product Drawings

SMT TB PARALLEL PLUG, 5.0MM, 2 POS

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2305909-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2305909-2_A.3d_igs.zip](#)

English

Customer View Model



[ENG_CVM_CVM_2305909-2_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Buchanan WireMate SMT](#)

English

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

Agency Approvals

[CSA Certificate](#)

English