

1546977-5 ✓ ACTIVE

Buchanan | BUCHANAN SSB7

TE Internal #: 1546977-5

5 Position Barrier Strip, Dual Barrier, Quick Connect Tab Bottom Termination, Wire-to-Wire, 11.1 mm [.438 in] Centerline, 1 Row, 600 V, BUCHANAN SSB7

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Connectors > Terminal Blocks & Strips > Barrier Strips



Barrier Strip Style: **Dual Barrier**

Bottom Termination Type: **Quick Connect Tab**

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

Number of Positions: **5**

Centerline (Pitch): **11.1 mm [.438 in]**

Features

Product Type Features

Block Style	Insulated Turret
Connector System	Wire-to-Wire
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Levels	1
Number of Positions	5
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 V
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Body Features

Quick Connect Tab Plating Material	Tin
Primary Product Color	Black
Product Orientation	Vertical
Barrier Strip Style	Dual Barrier



Contact Features

Contact Base Material	Brass
Mating Tab Thickness	6.35 mm [.25 in]
Mating Tab Width	.79 mm [.031 in]
Contact Current Rating (Max)	20 A

Termination Features

Bottom Termination Type	Quick Connect Tab
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Mechanical Attachment

Top Termination Type	Binding Combo Head
Mounting Options	End Positions with Mounting Inserts & without End Barriers
Screw Plating Material	Zinc Chromate
Screw Material	Steel
Thread Size	6-32
Screw Head Type	Phillips
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	Thermoplastic
Centerline (Pitch)	11.1 mm [.438 in]

Dimensions

Product Length	80.95 mm [3.187 in]
Wire Size	22 – 12 AWG

Usage Conditions

Operating Temperature Range	-60 – 105 °C [-76 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

UL Flammability Rating	UL 94V-2
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Packaging Features

Packaging Method	Package
Packaging Quantity	90



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 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°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>

Also in the Series | **BUCHANAN SSB7**



Barrier Strips(5)

Customers Also Bought



Documents

Product Drawings

[SSB7TG050501=TERM BLOCK ASSY](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1546977-5_P.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1546977-5_P.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1546977-5_P.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[1-1773458-2_BARRIER_STRIP_QUICK_REFERENCE_GUIDE](#)

English

Agency Approvals

[UL](#)

English