

2834171-3 ✓ ACTIVE

Buchanan WireMate | BUCHANAN WireMate Slim Poke-In

TE Internal #: 2834171-3

Wire-to-Board, Printed Circuit Board, 46.99 mm [1.85 in] Height,
Surface Mount, 20 – 24 AWG, Power, BUCHANAN WireMate Slim
Poke-In, Poke-In Connectors

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Connectors > Lighting Connectors > Poke-In Connectors



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

Connector & Contact Terminates To: **Printed Circuit Board**

Connector Height: **46.99 mm [1.85 in]**

Termination Method to PCB: **Surface Mount**

Wire Size: **20 – 24 AWG**

Features

Product Type Features

Product Line	Poke-In
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

Contact Underplating Material	Nickel
Contact Mating Area Plating Material	Tin (Sn)
PCB Contact Termination Area Plating Material	Tin-Lead
PCB Contact Termination Area Plating Material Finish	Matte
Contact Current Rating (Max)	7 A



Termination Features

Termination Method to PCB	Surface Mount
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Dimensions

Connector Height	46.99 mm[1.85 in]
Wire Size	20 – 24 AWG

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power
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Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL 1977

Packaging Features

Packaging Method	Reel/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 2025 (247) Candidate List Declared Against: JAN 2025 (247) 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	Reflow solder capable to 245°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

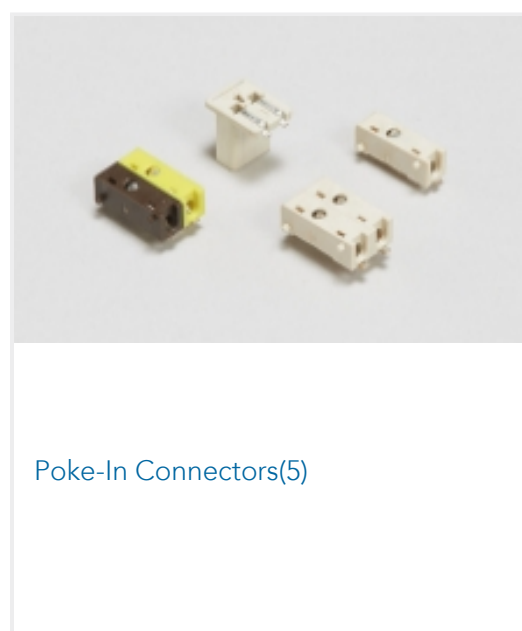


will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or 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>

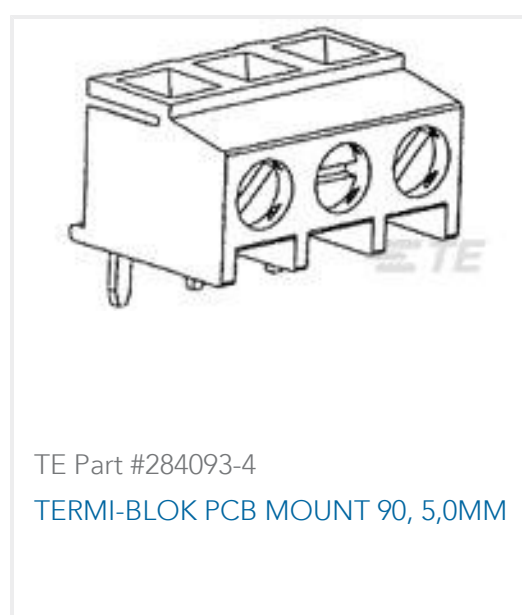
Compatible Parts

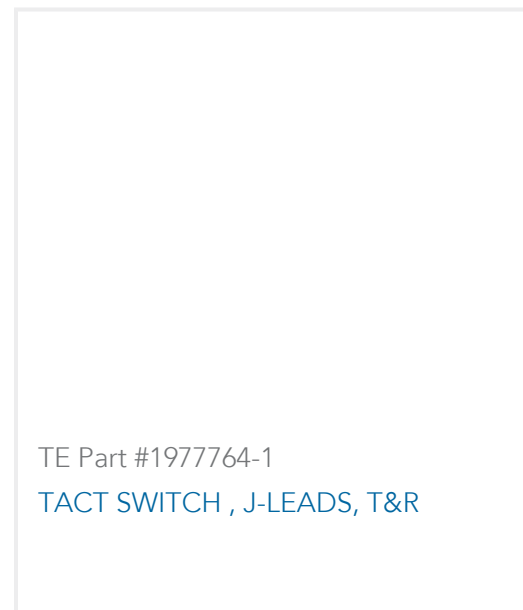


Also in the Series | BUCHANAN WireMate Slim Poke-In



Customers Also Bought





Documents

Product Drawings

[ULTRAMINIATURE SLIM CONTACT](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2834171-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2834171-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2834171-3_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Poke-in Slim Wire connector flyer](#)

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English