

Buchanan WireMate

TE Internal #: 2008563-1

Wire-to-Board, 1 Position, Wire & Cable, 3.9 mm [.154 in] Height, Surface Mount, 18 – 22 AWG, Power & Signal, Poke-In Connectors

[View on TE.com >](#)



Connectors > Lighting Connectors > Poke-In Connectors



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

Number of Positions: **1**

Connector & Contact Terminates To: **Wire & Cable**

Connector Height: **3.9 mm [.154 in]**

Termination Method to PCB: **Surface Mount**

Features

Product Type Features

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

Configuration Features

Number of Positions	1
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Electrical Characteristics

Operating Voltage	250 VDC
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Body Features

Primary Product Color	White
Header Mating Direction	Horizontal

Contact Features

PCB Contact Termination Area Plating Material Thickness	3 µm[118.11 µin]
Contact Underplating Material	Nickel
Contact Layout	Inline



Contact Mating Area Plating Material	Tin (Sn)
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PCB Contact Termination Area Plating Material	Tin
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PCB Contact Termination Area Plating Material Finish	Matte
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Contact Fabrication	Stamped & Formed
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Contact Mating Area Plating Material Finish	Matte
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Contact Mating Area Plating Material Thickness	3 μ m[118 μ in]
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Contact Current Rating (Max)	4 A
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Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Connector Mounting Type	Board Mount
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PCB Mount Retention	With
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Dimensions

Compatible Insulation Diameter Range	2.1 mm[.083 in]
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Connector Height	3.9 mm[.154 in]
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Wire Size	18 – 22 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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Industry Standards

Compatible With Agency/Standards Products	CSA, UL
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UL Flammability Rating	UL 94V-0
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Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987, UL 1977, UL E28476
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Packaging Features

Packaging Method	SMT Pocket Tape
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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: JUNE 2025 (250) 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	Reflow 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 # 2834006-1
RELEASE POKE-IN
CONNECTOR_1POLES

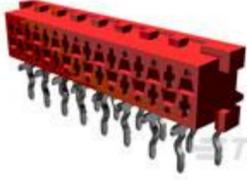
Customers Also Bought



TE Part #42660-2
250 FASTON REC 18-14 AWG TPBR



TE Part #2-87499-1
12 MODIV HSG SR MRKD .100CL



TE Part #7-215460-6
MICRO-MATCH FSID P



TE Part #1622820-4
3520 10R 5%



Documents

Product Drawings

Connector, 1 Pos SMT Poke-In

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2008563-1_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2008563-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2008563-1_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[SMT_AND_THRU-HOLE_POKE-IN_WIRE_LIGHTING_CONNECTORS](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)



English