1954097-1 ✓ ACTIVE

Buchanan WireMate

TE Internal #: 1954097-1

Wire-to-Board, 2 Position, 4 mm [.157 in] Centerline, Wire & Cable, 3.9 mm [.154 in] Height, Surface Mount, 18 – 22 AWG, Poke-In

Connectors

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Connectors > Lighting Connectors > Poke-In Connectors











Connector System: Wire-to-Board

Number of Positions: 2

Centerline (Pitch): 4 mm [.157 in]

Connector & Contact Terminates To: Wire & Cable

Connector Height: 3.9 mm [.154 in]

Features

Product Type Features

Product Type Features	
Product Line	Poke-In
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	2
Electrical Characteristics	
Operating Voltage	250 VDC
Body Features	
Primary Product Color	White
Header Mating Direction	Horizontal
Contact Features	
PCB Contact Termination Area Plating Material Thickness	3 μm[118.11 μin]

Inline

Contact Layout



Contact Mating Area Plating Material	Tin (Sn)
PCB Contact Termination Area Plating Material	Tin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Fabrication	Stamped & Formed
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	3 μm[118 μin]
Contact Current Rating (Max)	4 A
Termination Features	
Termination Method to PCB	Surface Mount
Mechanical Attachment	
Connector Mounting Type	Board Mount
PCB Mount Retention Type	Solder Tail
PCB Mount Retention	With
Housing Features	
Centerline (Pitch)	4 mm[.157 in]
Dimensions	
Compatible Insulation Diameter Range	2.1 mm[.083 in]
Connector Height	3.9 mm[.154 in]
Wire Size	18 – 22 AWG
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Industry Standards	
Compatible With Agency/Standards Products	CSA, UL
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	CSA/C22.2 No. 182.3-M1987, UL 1977, UL E28476
Packaging Features	
Packaging Method	SMT Pocket Tape

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: 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



Customers Also Bought



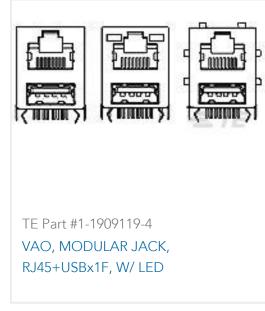






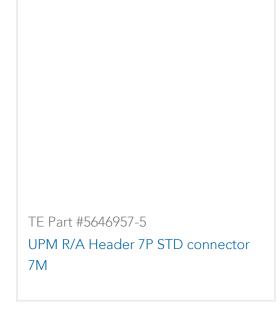














Documents

Product Drawings

Poke In SMT,2 Position Connect

English

CAD Files

Customer View Model

ENG_CVM_CVM_1954097-1_A.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1954097-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1954097-1_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