### 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

View on TE.com >



### 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**

### **Electrical Characteristics**

Operating Voltage	250 VDC
Industry Standards	
Compatible With Agency/Standards Products	UL, CSA
UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	UL E28476, UL 1977, CSA/C22.2 No. 182.3- M1987
Body Features	
Primary Product Color	White
Header Mating Direction	Horizontal
Mechanical Attachment	
Connector Mounting Type	Board Mount
PCB Mount Retention Type	Solder Tail
PCB Mount Retention	With

## **Packaging Features**



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Packaging Method	SMT Pocket Tape
Contact Features	
PCB Contact Termination Area Plating Material Thickness	3 μm[118.11 μin]
Contact Layout	Inline
Contact Mating Area Plating Material	Tin
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
Dimensions	
Compatible Insulation Diameter Range	2.1 mm[.083 in]
Connector Height	3.9 mm[.154 in]
Wire Size	18 – 22 AWG
Product Type Features	
Product Line	Poke-In
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Positions	2
Termination Features	
Termination Method to PCB	Surface Mount
Housing Features	
Centerline (Pitch)	4 mm[.157 in]
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Other	
EU RoHS Compliance	Compliant



EU ELV Compliance Compliant

### **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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 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







FREE,48

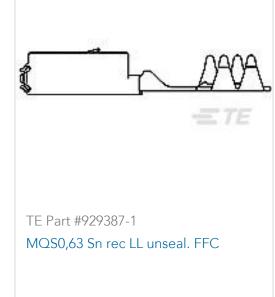
















### **Documents**

### **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