

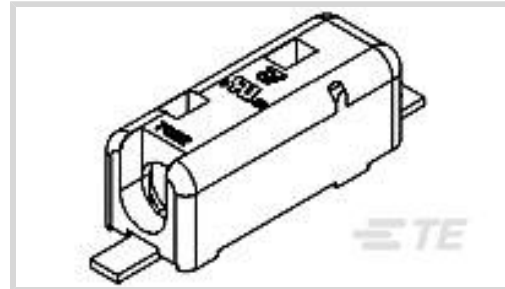
Buchanan WireMate

TE Internal #: 2008563-1

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

[View on TE.com >](#)

Connectors > Lighting Connectors > Poke-In Connectors

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

Number of Positions: 1

Sealable: **No**Connector & Contact Terminates To: **Wire & Cable**Connector Height: **3.9 mm [.154 in]****Features****Product Type Features**

Wire/Cable Type	Discrete Wire
Lighting Interconnect Level	Level 2
Connector Type	Connector Assembly
Product Type	Connector
Glow Wire Rating	Standard Part - Not Glow Wire
Connector Style	Receptacle
Product Line	Poke-In
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Pre-Designed Cables Available	No
Preloaded	Yes
Number of Rows	1
Number of Positions	1

Electrical Characteristics

Operating Voltage	250 VAC
-------------------	---------

Body Features



Header Mating Direction	Horizontal
-------------------------	------------

Contact Features

Contact Termination Area Plating Finish	Matte
Contact Mating Area Plating Material	Tin
Contact Type	Socket
Stamped and Formed	Yes
Contact Mating Area Plating Thickness	3 µm[118 µin]
Contact Layout	Inline
Contact Termination Area Plating Thickness	3 µm[118.11 µin]
Contact Termination Area Plating Material	Tin over Nickel
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	4 A

Termination Features

Tool-less Wire Termination	Yes
Termination Method to Printed Circuit Board	Surface Mount

Mechanical Attachment

Mating Alignment	Without
Mating Retention	Without
Mounting Angle	Right Angle
PCB Mount Alignment	Without
PCB Mount Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Color	White
---------------	-------

Dimensions

Accepts Wire Insulation Diameter Range	2.1 mm[.083 in]
Width	3.95 mm[.156 in]
Length	14.22 mm[.56 in]
Post-Mating Assembly Measurement	10.5 mm[.413 in]
Connector Height	3.9 mm[.154 in]
Wire Size	18 – 22 AWG

Usage Conditions



UV Exposure Rated	No
SMT Soldering Temperature	220 °C[428 °F]
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

SMT Compatible	Yes
Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without
--------------------------------	---------

Industry Standards

Agency/Standard Number	C22.2 No. 182.3-M1987, UL 1977
UL File Number	E28476
Agency/Standard	CSA, UL
UL Flammability Rating	UL 94V-0

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: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) 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

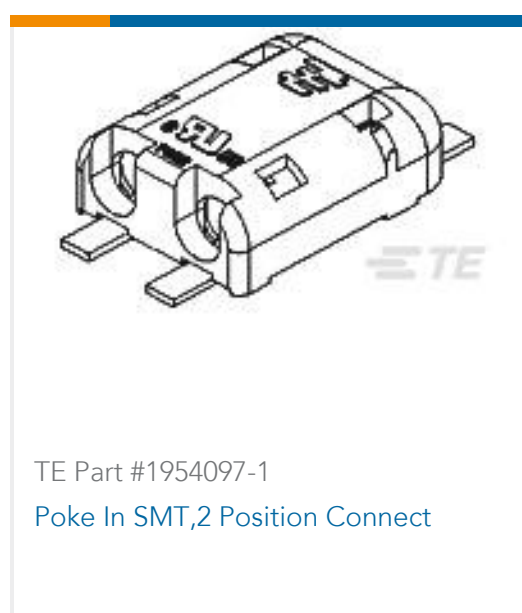
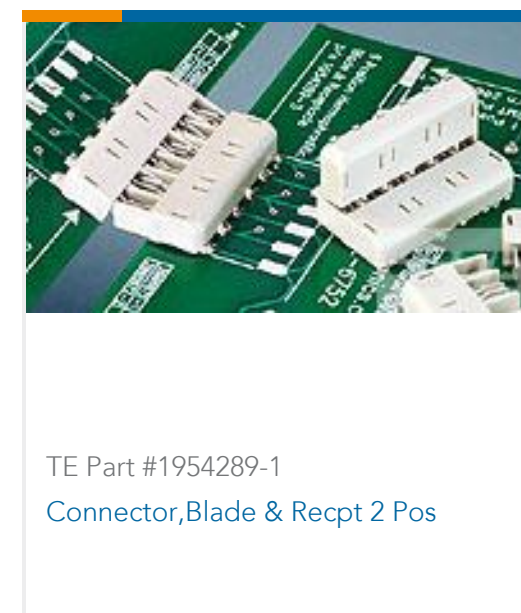
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



Documents

[Product Drawings](#)



Connector,1 Pos SMT Poke-In

English

CAD Files

3D PDF

3D

Customer View Model

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

English

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

Product Environmental Compliance

[TE Material Declaration](#)

English

Agency Approvals

[UL Report](#)

English
