

1-1954097-1 ✓ ACTIVE

Buchanan WireMate | Insulation Displacement Connectors Closed End

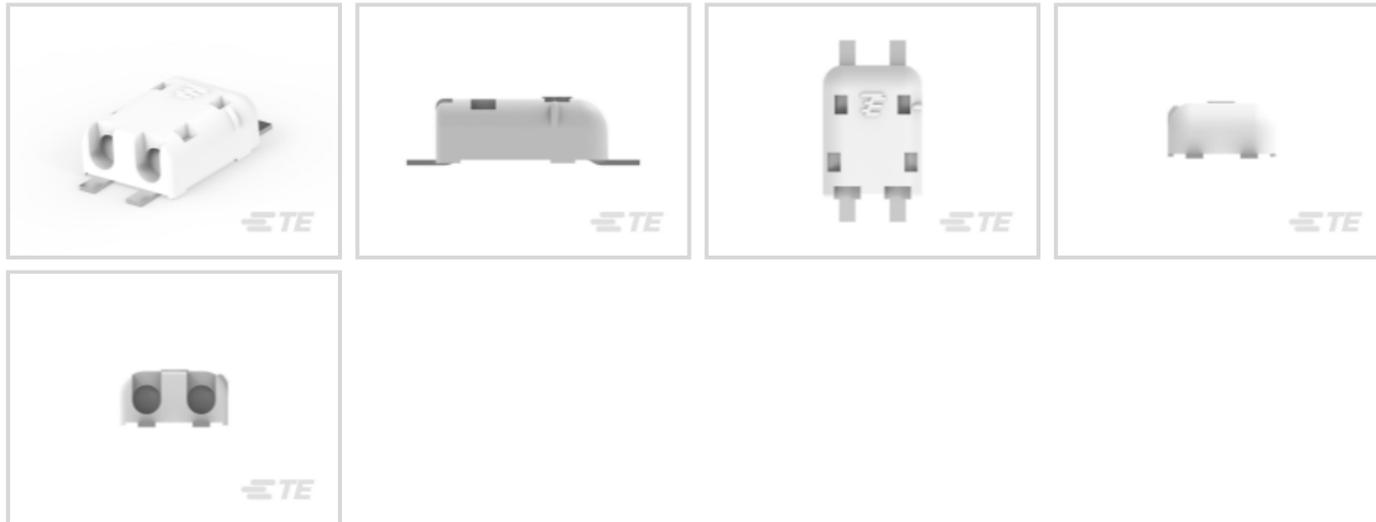
TE Internal #: 1-1954097-1

Poke-In Connectors, Wire-to-Board, 2 Position, .157 in [4 mm]
Centerline, Wire & Cable, Insulation Displacement Connectors
Closed End

[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]**

Sealable: **No**

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

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	2
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Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Header Mating Direction	Horizontal
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Contact Features

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

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

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

Housing Color	Black
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Centerline (Pitch)	4 mm[.157 in]
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Dimensions

Accepts Wire Insulation Diameter Range	2.1 mm[.083 in]
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Width	7.9 mm[.311 in]
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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
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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
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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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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

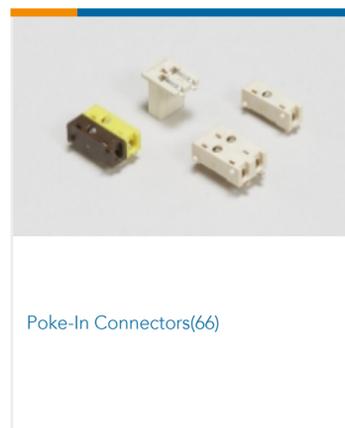
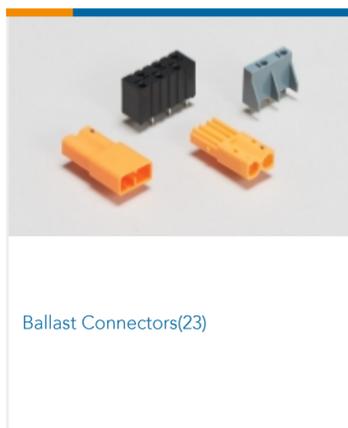
Product Compliance Disclaimer

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



Also in the Series | Insulation Displacement Connectors Closed End



Documents

Product Drawings

Poke In SMT,2 Position Connect

English

Product Specifications

Application Specification

English