



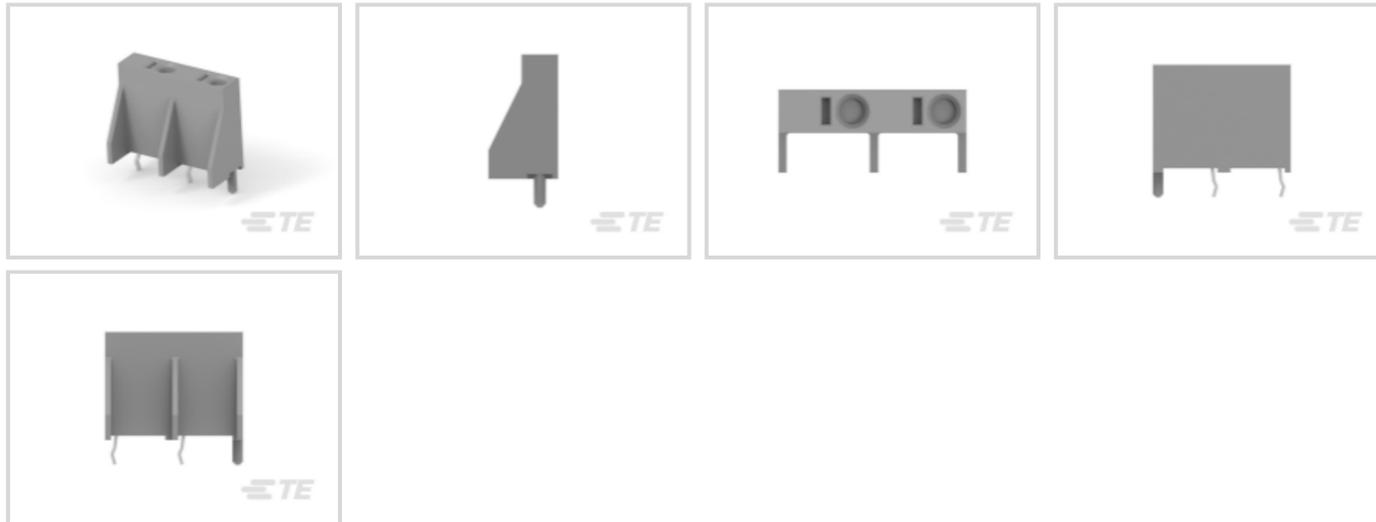
Buchanan WireMate

TE Internal #: 1-2008552-2

2 Position Ballast Connector, Connector, Poke-In, Header, Wire-to-Board, 8.2 mm [.323 in] Centerline, Printed Circuit Board, 18 AWG, Power

[View on TE.com >](#)

Connectors > Lighting Connectors > Ballast Connectors



Lighting Product Type: **Connector**

Termination Method to Wire & Cable: **Poke-In**

Lighting Connector Type: **Header**

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

Number of Positions: **2**

Features

Product Type Features

Lighting Connector Style	Screwless Wire
Lighting Product Type	Connector
Lighting Connector Type	Header
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Rows	1
Number of Positions	2

Electrical Characteristics

Operating Voltage (Max)	600 VAC
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Body Features

Primary Product Material	PBT GF
Primary Product Color	Gray



Contact Features

Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 3.05 μm [79.92 – 120.08 μin]
Wire Contact Termination Area Plating Material Finish	Matte
Contact Layout	Inline
Contact Mating Area Plating Material	Tin (Sn)
Wire Contact Termination Area Plating Thickness	3.05 μm [120 μin]
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	6 A

Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Poke-In

Mechanical Attachment

PCB Mount Retention	With
PCB Mount Retention Type	Boardlock
PCB Mount Alignment	With
Connector Mounting Type	Board Mount

Housing Features

Centerline (Pitch)	8.2 mm[.323 in]
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Dimensions

Post-Mating Assembly Measurement	25 mm[.984 in]
Connector Width	7.35 mm[.289 in]
PCB Thickness (Recommended)	1.8 mm[.07 in]
Connector Height	13 mm[.512 in]
Connector Length	16.8 mm[.661 in]
Wire Size	18 AWG

Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$ [-40 – 221 $^{\circ}\text{F}$]
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Operation/Application

Circuit Application	Power
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Industry Standards

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UL Flammability Rating	UL 94V-0
Compatible With Approved Standards Products	CSA C22.2 No. 182.3, UL 1977

Packaging Features

Packaging Method	Box & Tray, Tray
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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 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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



TE Part #5-104450-3
04 MTE HDR SRST LATCH W/HLDWN



TE Part #1-480349-0
01P CMNL PLUG HSG F/H NATL



TE Part #1393194-6
T77S1D10-03



TE Part #6-1393243-8
RT424024



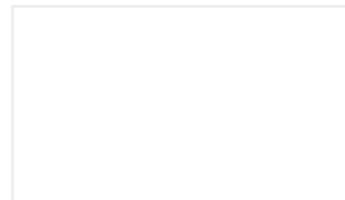
TE Part #3-1393789-7
V23079A2003B301



TE Part #2213188-2
Assembly, ICE Connector 1.6 PCB w/o cap



TE Part #2365497-3
EP2.5 single row SMT header,GWT,3P



TE Part #3-1825058-2
ADE02STR04



TE Part #1969365-1
ASY,SCRLESS WIRE CONN,VERT,6P



TE Part #1-2834291-3
3.96MM VER DIP WTB W LATCH.
4P_NATURAL

Documents

Product Drawings

[CONNECTOR, INLINE VERT SCREWLESS](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-2008552-2_A2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-2008552-2_A2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-2008552-2_A2.2d_dxf.zip](#)

English

[3D PDF](#)

3D

[3D PDF](#)

3D



Customer View Model

[ENG_CVM_CVM_1-2008552-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2008552-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2008552-2_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English