

1811398-1 ✓ ACTIVE

Buchanan WireMate

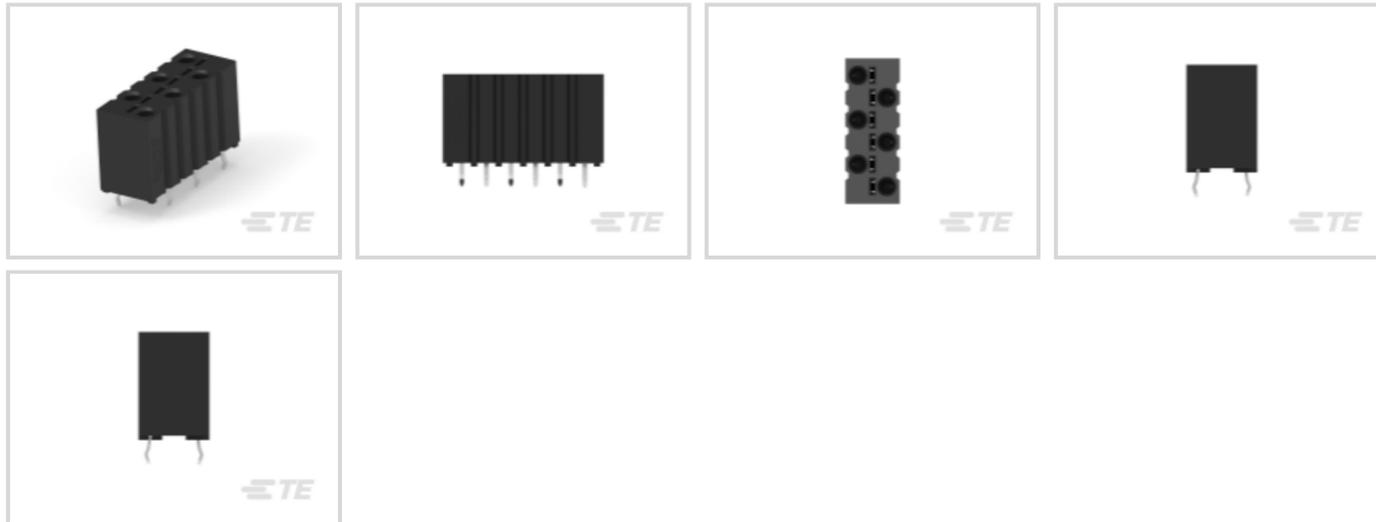
TE Internal #: 1811398-1

Ballast Connectors, Connector, Poke-In, Header, Wire-to-Board, 6 Position, .138 in [3.5 mm] Centerline, Printed Circuit Board, 16 – 18 AWG Wire Size

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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: **6**

Features

Product Type Features

Wire/Cable Type	Discrete Wire
Connector Style	Screwless Wire
Glow Wire Rating	Standard Part - Not Glow 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	2
Preloaded	Yes
Number of Positions	6

Electrical Characteristics

Operating Voltage (Max)	600 VDC
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Body Features

Header Mating Direction	Vertical
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Contact Features

Contact Termination Area Plating Finish	Matte
Stamped and Formed	Yes
Contact Termination Area Plating Material	Tin
Contact Termination Area Plating Thickness	3.2 – 6.4 μm [125.98 – 251.97 μin]
Contact Layout	Staggered
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Thickness	3.2 – 6.4 μm [125.98 – 251.97 μin]
Contact Mating Area Plating Material Finish	Matte
Contact Current Rating (Max)	6 A

Termination Features

Tool-less Wire Termination	Yes
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Poke-In

Mechanical Attachment

Mounting Angle	Vertical
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Hole

Housing Features

Housing Color	Black
Housing Material	PBT GF
Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Width	8.64 mm[.34 in]
Length	22.9 mm[.902 in]
Height	13 mm[.512 in]
PCB Thickness (Recommended)	1.8 mm[.07 in]
Post-Mating Assembly Measurement	22.9 mm[.901 in]
Accepts Wire Insulation Diameter Range	2.16 mm[.085 in]



Wire Size	16 – 18 AWG
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Usage Conditions

UV Exposure Rated	No
Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Identification Marking

Circuit Identification Feature	Without
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Industry Standards

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

Packaging Features

Packaging Method	Box & Tray, Tray
Packaging Quantity	80

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: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°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



Documents

Product Drawings

[ASY,SCRLESS WIRE CONN,VERT,6P](#)

English

CAD Files

Customer View Model

[ENG_CVM_1811398-1_A1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1811398-1_A1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1811398-1_A1.2d_dxf.zip](#)

English

[3D PDF](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1811398-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1811398-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1811398-1_A.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

[Vertical and In-Line Screwless Wire Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English