1811398-1 ✔ ACTIVE

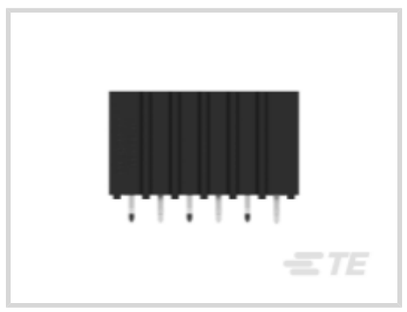
Buchanan WireMate

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

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: **6**

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	2
Number of Positions	6

Electrical Characteristics

Operating Voltage (Max)	600 VDC

Body Features

Primary Product Material	PBT GF
Primary Product Color	Black

Contact Features

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

Termination Features

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

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Connector Length	22.9 mm[.902 in]
Post-Mating Assembly Measurement	22.9 mm[.901 in]
Connector Height	13 mm[.512 in]
Connector Width	8.64 mm[.34 in]
PCB Thickness (Recommended)	1.8 mm[.07 in]
Wire Size	16 – 18 AWG

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Industry Standards

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

Packaging Features

Packaging Quantity	80
Packaging Method	Box & Tray, Tray

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) 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



TE Part # 1811444-1
ASY,SCRLESS WIRE CONN,VERT,4P

Customers Also Bought



TE Part #1658678-1
KIT,HDP-22,ENCLSUR,PLUG,SIZE 1



TE Part #2213929-5
Z35 MINI LED HOLDER 16*19 PANHEAD



TE Part #1658680-1
KIT,HDP-22,ENCLSUR,PLUG,SIZE 3



TE Part #1393194-9
T77S1D10-12



TE Part #1-2008552-2
CONNECTOR, INLINE VERT SCREWLESS



TE Part #2299683-3
EP2.5 HDR 3P VERT W/O BOSS, TAPING



TE Part #1393194-6
T77S1D10-03

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

TE Part #2829770-1
CABLE ASSEMBLY, GROUND CLIP

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

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

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