



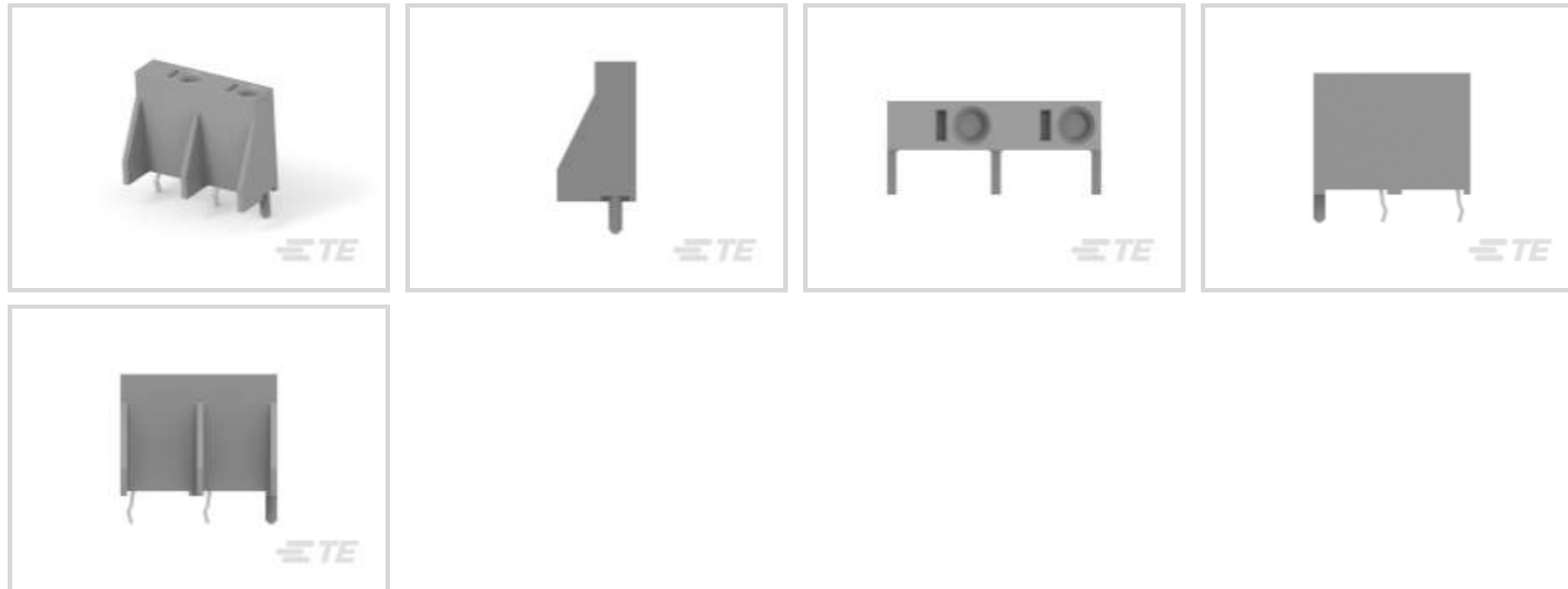
**Buchanan WireMate**

TE Internal #: 1-2008552-2

Ballast Connectors, Connector, Poke-In, Header, Wire-to-Board, 2 Position, .323 in [8.2 mm] Centerline, Printed Circuit Board, 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: **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 VDC
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**Body Features**

Primary Product Material	PBT GF
Primary Product Color	Gray



### Contact Features

Contact Layout	Inline
Wire Contact Termination Area Plating Thickness	3.05 $\mu\text{m}$ [120 $\mu\text{in}$ ]
Wire Contact Termination Area Plating Material Finish	Matte
Wire Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material Thickness	2.03 – 3.05 $\mu\text{m}$ [79.92 – 120.08 $\mu\text{in}$ ]
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	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock

### Housing Features

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

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

### Usage Conditions

Operating Temperature Range	-40 – 105 $^{\circ}\text{C}$ [-40 – 221 $^{\circ}\text{F}$ ]
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### Industry Standards

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

### Packaging Features

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Packaging Method

Box &amp; 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: JUNE 2023 (235)

Candidate List Declared Against: JUNE 2023 (235)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl &gt; 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 #350541-1  
03P CMNL HDR ASSY SHORT NATL



TE Part #1393194-9  
T77S1D10-12



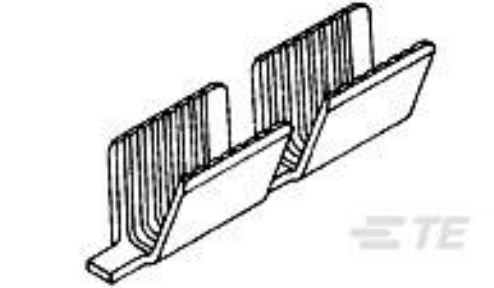
TE Part #1-480351-0  
01P CMNL CAP HSG NATL



TE Part #1811398-1  
ASY,SCRLESS WIRE CONN,VERT,6P



TE Part #41532  
250 FASTON FLAG REC 18-12 AWG TPBR



TE Part #62001-2  
SPLICE AMVAR 3000-7000 020TPBR



TE Part #2176413-5  
5W XSM M/OX 5% 100K



TE Part #Y12345-000  
ALR-SC-10A



TE Part #3-1825058-2  
ADE02STR04

## 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

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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**Datasheets & Catalog Pages**

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

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

English

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**Product Specifications**

[Application Specification](#)

English

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**Product Environmental Compliance**

[MD\\_1-2008552-2\\_0512201512\\_dmtec](#)

English

[MD\\_1-2008552-2\\_0512201512\\_dmtec](#)

English

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**Agency Approvals**

[UL Report](#)

English