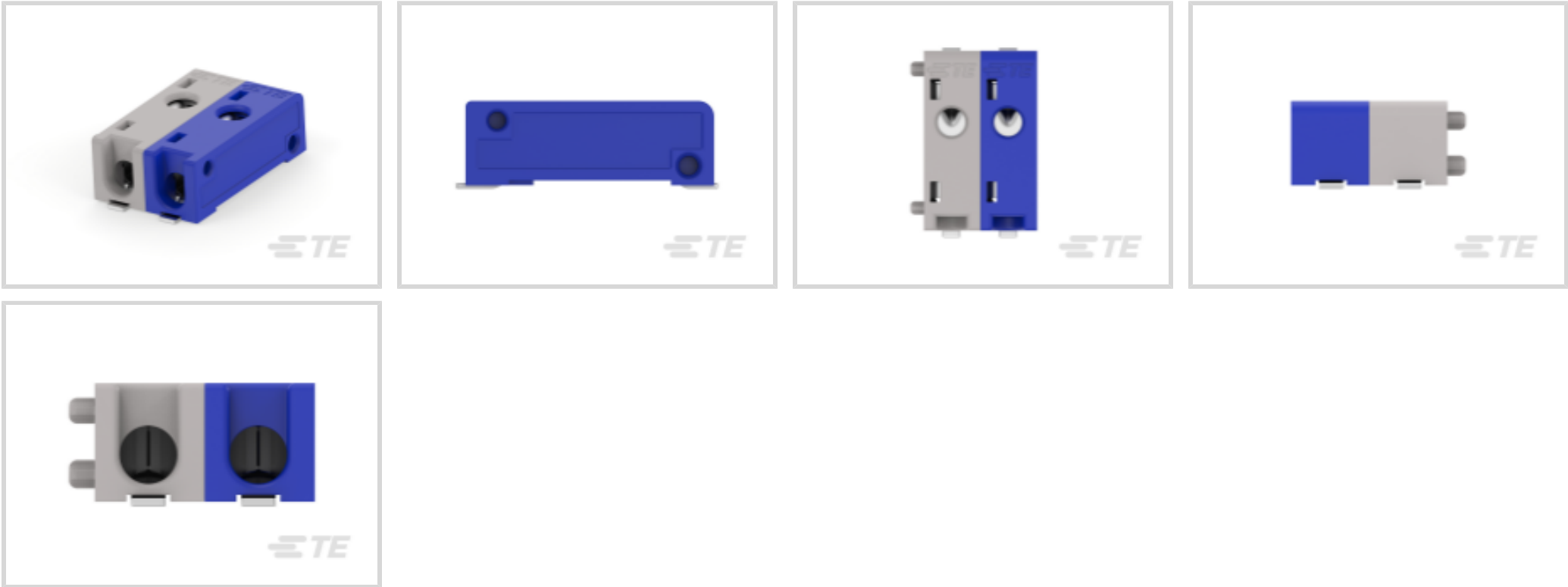




Connectors > Lighting Connectors > Poke-In Connectors > Poke-In Connector, BUCHANAN WireMate



Connector System: **Wire-to-Board**  
Number of Positions: **2**  
Centerline (Pitch): **4 mm**  
Connector & Contact Terminates To: **Printed Circuit Board**  
Connector Height: **4.48 mm [ .176 in ]**

[All Poke-In Connector, BUCHANAN WireMate \(51\)](#)

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Product Line                      | Poke-In               |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                     |   |
|---------------------|---|
| Number of Positions | 2 |
|---------------------|---|

Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 400 VAC |
|-------------------|---------|

Body Features

|                       |         |
|-----------------------|---------|
| Primary Product Color | Natural |
|-----------------------|---------|

Contact Features

|                                                      |        |
|------------------------------------------------------|--------|
| PCB Contact Termination Area Plating Material Finish | Matte  |
| Contact Underplating Material                        | Nickel |



|                                               |          |
|-----------------------------------------------|----------|
| PCB Contact Termination Area Plating Material | Tin-Lead |
| Contact Current Rating (Max)                  | 6 A      |

Termination Features

|                                             |               |
|---------------------------------------------|---------------|
| Termination Method to Printed Circuit Board | Surface Mount |
|---------------------------------------------|---------------|

Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

Housing Features

|                    |      |
|--------------------|------|
| Centerline (Pitch) | 4 mm |
|--------------------|------|

Dimensions

|                                      |                  |
|--------------------------------------|------------------|
| Compatible Insulation Diameter Range | 2.1 mm           |
| Connector Height                     | 4.48 mm[.176 in] |
| Wire Size                            | 18 - 22 AWG      |

Industry Standards

|                                             |                    |
|---------------------------------------------|--------------------|
| Compatible With Agency/Standards Products   | UL                 |
| Compatible With Approved Standards Products | UL 1977, UL E28476 |
| UL Flammability Rating                      | UL 94V-0           |

Packaging Features

|                  |             |
|------------------|-------------|
| Packaging Method | Tape & Reel |
|------------------|-------------|

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)<br>Candidate List Declared Against: JAN 2022 (223)<br>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 245°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 # 2834006-2  
RELEASE POKE-IN  
CONNECTOR\_2POLES

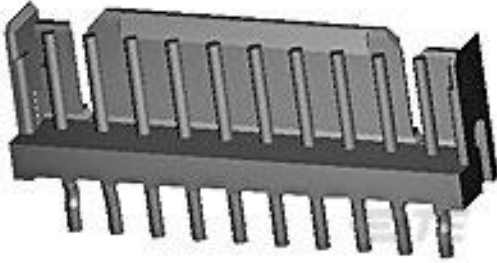


TE Part # 2324697-3  
PUSH GRIP CONNECTOR 3P

### Customers Also Bought



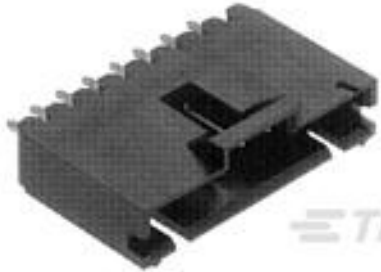
TE Part # 5747844-6  
09 MSFL RCPT RA 318 (SL,FM,BL)



TE Part # 292161-5  
CT P/HDR ASSY V 5P W/KINK NAT



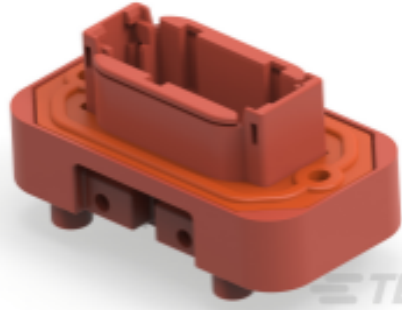
TE Part # 2834006-2  
Poke-In Connector, BUCHANAN  
WireMate



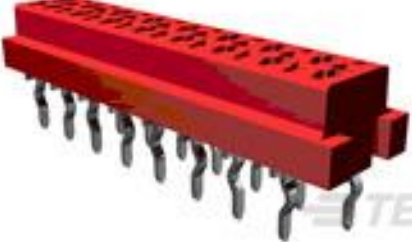
TE Part # 1-103735-1  
12 MTE HDR SRST LATCH .100CL



TE Part # 2306454-3  
SPRING FINGER 2.3H



TE Part # DTM15-12PD  
HDR, 12P, GRY, ST, NI/CU, D



TE Part # 1-215079-6  
MICRO-MATCH FOB.16P

### Documents

- CAD Files
- 3D PDF
- 3D
- Customer View Model
- ENG\_CVM\_CVM\_1-2834006-0\_B.2d\_dxf.zip





English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834006-0\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-2834006-0\\_B.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Modular Releasable Poke-in datasheet](#)

English

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

[Modular Releasable Poke-in datasheet \(Chinese\)](#)

Product Specifications

[Application Specification](#)

English