



Connectors > Lighting Connectors > Poke-In Connectors



Connector System: **Wire-to-Board**  
Connector & Contact Terminates To: **Printed Circuit Board**  
Connector Height: **3.1 mm [ .122 in ]**  
Termination Method to Printed Circuit Board: **Surface Mount**  
Wire Size: **16 – 20 AWG**

Features

Product Type Features

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

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Natural
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Contact Features

PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin-Lead

Termination Features

Termination Method to Printed Circuit Board	Surface Mount
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Dimensions



Compatible Insulation Diameter Range	2.1 mm
Connector Height	3.1 mm[.122 in]
Wire Size	16 – 20 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
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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: JAN 2024 (240) Candidate List Declared Against: JUNE 2022 (224) 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 # 2834167-3  
[RELEASABLE SLIM CONTACT](#)

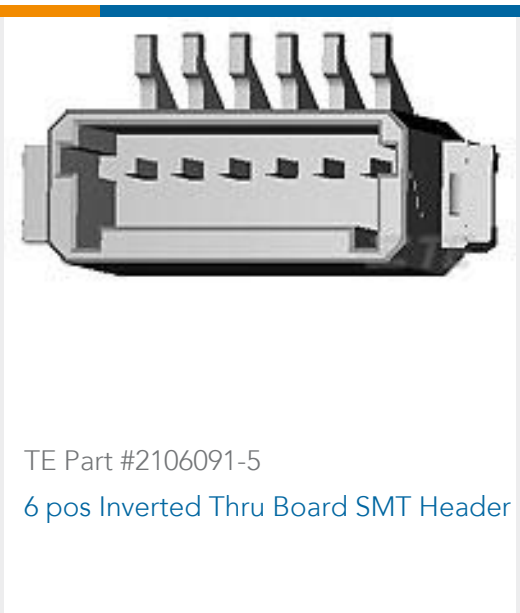
Customers Also Bought



TE Part #2834049-3  
[Modular Latched Receptacles, LIGHT-N-LOK](#)



TE Part #1879455-1  
[TE 1500W 1R0 5% Bracket](#)



TE Part #2106091-5  
[6 pos Inverted Thru Board SMT Header](#)



TE Part #2-520129-2  
[ULTRAFast 250 ASSY FLAG 22-18 TPBR LP](#)



TE Part #1-1825027-1  
[FSMRA4JH04=R/A, TACT PB SW, 160G](#)



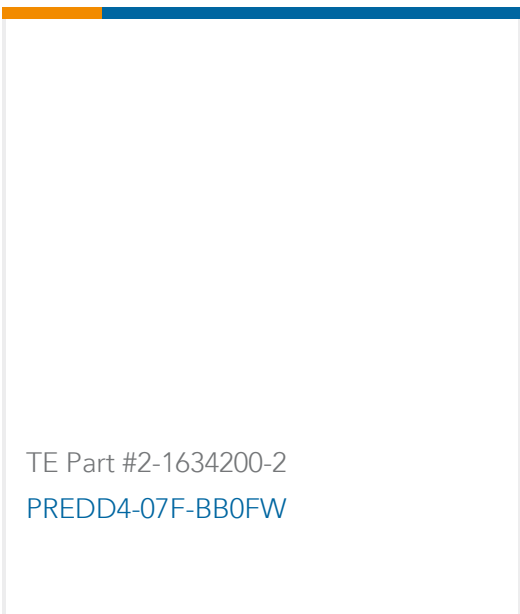
TE Part #63010-1  
[250 FASTON FLAG REC 18-14 AWG TPBR](#)



TE Part #1-2834011-2  
[2POS 3.5MM TOP ENTRY SCREWLESS CONN.](#)



TE Part #2213189-3  
[Assembly, IPI Connector 22-18GA w cap](#)



TE Part #2-1634200-2  
[PREDD4-07F-BB0FW](#)

Documents

Product Drawings

[SLIM CONTACT FOR WIRE 16-20AWG](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2834012-3\\_A.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_2834012-3\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2834012-3\\_A.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Slim Wire-to-Board flyer](#)

English

[Slim Wire-to-Board flyer](#)

English

[BUCHANAN WireMate Connectors Brochure](#)

[BUCHANAN WireMate Connectors Brochure](#)

English

Product Specifications

[Application Specification](#)

English

Instruction Sheets

[Instruction Sheet \(non U.S.\)](#)

English

Agency Approvals

[UL Report](#)

English