



Buchanan

TE Internal #: 284509-2

Plug, Wire-to-Board, 2 Position, 3.81 mm [.15 in] Centerline, 1 Row, 180° Wire Entry Angle, 30 – 14 AWG Wire Size, PCB Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **2**

Centerline (Pitch): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1
Wire Entry Angle	180°

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Green
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Product Orientation

Right Angle

Contact Features

Contact Mating Area Plating Material

Tin

Contact Base Material

Phosphor Bronze

Contact Current Rating (Max)

11 A

Mechanical Attachment

Screw Plating Material

Nickel

Screw Material

Brass

Thread Size

M2

Housing Features

Housing Material

PA 66

Centerline (Pitch)

3.81 mm [.15 in]

Dimensions

Wire Size

.05 – 2 mm²

Usage Conditions

Operating Temperature Range

-40 – 105 °C [-40 – 221 °F]

Operation/Application

Circuit Application

Power & Signal

Packaging Features

Packaging Quantity

300

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

EU RoHS Directive 2011/65/EU

Compliant with Exemptions

EU ELV Directive 2000/53/EC

Compliant with Exemptions

China RoHS 2 Directive MIIT Order No 32, 2016

Restricted Materials Above Threshold

EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)
 Candidate List Declared Against: JUNE 2024 (241)
 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

Not applicable for solder process capability

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 # 2342078-2
2POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM



TE Part # 284518-2
2P TERMIBLOK HDR DIR MODULE



TE Part # 1776135-2
2P TERMI-BLOK HDR,HIGH TEMP



TE Part # 284513-2
2 POS TERMI-BLOK HDR 900 POL.



TE Part # 284517-2
2P TERMIBLOK HDR DIR POLAR



TE Part # 1986345-2
2P TERMI-BLOK PLUG STACK 3,81,



TE Part # 1986825-2
2P, MALE CON, 3.81MM,45D,M

Customers Also Bought



TE Part #2-5748003-0
09 PLUG SP/FMS BRDLK



TE Part #640454-5
05P MTA100 HDR ASSY SQ STR POL



TE Part #4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part #284517-4
4P TERMIBLOK HDR DIR POL



TE Part #826630-2
2P AMPMODU II STIFT LEI



TE Part #1-2176341-4
CRGCQ 0805 120R 1%



TE Part #3-641653-3
03P MTA100 CONN ASSY RED LF



TE Part #284517-2
2P TERMIBLOK HDR DIR POLAR



TE Part #L9000279-01
SMA Jack 50 Ohm .062 PCB Edge
Mount

Documents

Product Drawings

2P TERMI-BLOK PLUG STACK 3,8

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_284509-2_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284509-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284509-2_B.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

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English

Product Specifications

Application Specification

English



Agency Approvals

UL

English