282832-2 ✓ ACTIVE

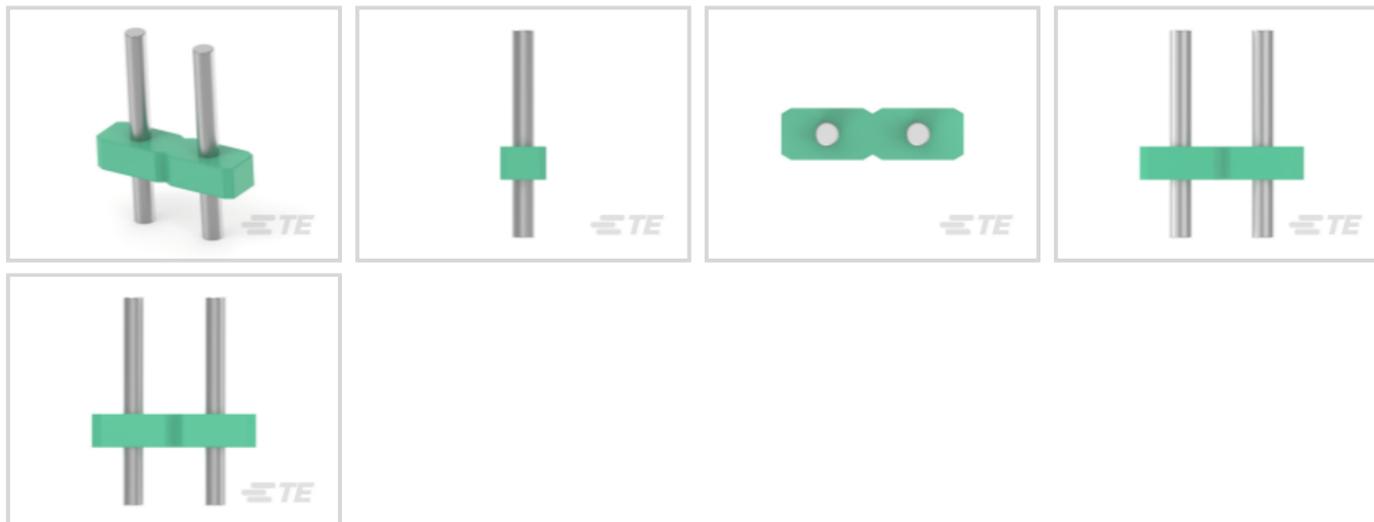## Buchanan

TE Internal #: 282832-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, 12 A, 300 VAC, Printed Circuit Board, Power & Signal

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks

Terminal Block Connector Type: **Header**

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

Number of Positions: **2**

Centerline (Pitch): **5 mm [.197 in]**

Number of Rows: **1**

Features

Product Type Features

Block Type	Pin Header
Header Type	Unshrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Threaded Flange	Without
Closed End	Without
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Current Rating (Max)	12 A
Voltage Rating	300 VAC

Contact Features

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PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, 12 A, 300 VAC, Printed Circuit Board, Power & Signal

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Pin Length	7 mm[.275 in]
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Mechanical Attachment

Screwless Terminal Block	Yes
Mounting Angle	Vertical
Screw Flange	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]

Dimensions

PCB Tail Length	3.5 mm[.138 in]

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Method	Box
Packaging Quantity	300

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224)

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, 12 A, 300 VAC, Printed Circuit Board, Power & Signal

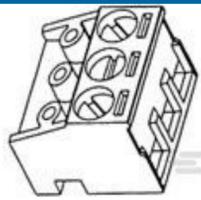|	Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 240°C

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 # 282830-2

TERMI-BLOK PLUG 90&180 2P. 5

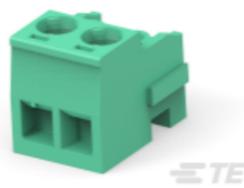TE Part # 1776489-2

Unshrouded Header, 5.0mm, HT, Blue

TE Part # 1546173-2

5MM PLUG,90/180,2 POS,GREEN,SN

TE Part # 1546018-2

2 POS TERMI-BLOK PLUG 90 &180

TE Part # 1986943-2

TERMI-BLOK PLUG STR 5MM MODULAR 2 POS

TE Part # 1986945-2

TERMI-BLOK PLUG 90&270DEG 5MM MODUL 2P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282832-2_C.2d_dxf.zip

English

Customer View Model

282832-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1
Row, 12 A, 300 VAC, Printed Circuit Board, Power & Signal

ENG_CVM_CVM_282832-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282832-2_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

Product Specifications

Application Specification

English