



**Buchanan**

TE Internal #: 282818-2

Header, Wire-to-Board, 2 Position, 10.16 mm [.4 in] Centerline, 1 Row, 30 – 12 AWG Wire Size, .05 – 3 mm<sup>2</sup> Wire Size, PCB Terminal Blocks

[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): **10.16 mm [.4 in]**

Number of Rows: **1**

**Features**

**Product Type Features**

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

**Configuration Features**

Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1

**Electrical Characteristics**

Operating Voltage	600 VAC
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**Body Features**

Primary Product Color	Green
Product Orientation	Right Angle



### Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	15 A

### Termination Features

Termination Post & Tail Length	3.5 mm [.138 in]
Termination Method to PCB	Through Hole - Solder

### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	PA 66
Centerline (Pitch)	10.16 mm [.4 in]

### Dimensions

Wire Size	.05 – 3 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	200
Packaging Method	Box

### 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 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

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 # 282809-2  
TERMI-BLOK PLUG STACKING 2P.10



TE Part # 284051-2  
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 284045-2  
TERMI-BLOK VERTICAL PLUG STACK

### Customers Also Bought



TE Part #2-320619-1  
TERMINAL,PIDG R 16-14 6



TE Part #6-534237-3  
15 MODII VRT SR CE 100/115



TE Part #1658621-6  
26 NOVO MIL/CTR 15DP,LEAD FREE



TE Part #2-34145-1  
PG R 22-16 COMM 22-18 MIL 8



TE Part #796638-5  
5POS 5.08MM CE R/A HDR,TRM BLK



TE Part #1-1571076-0  
PRASA1-16F-BB0BW=POWER ROCKER



TE Part #2-2176397-8  
3502 13R 1%



TE Part #2-2176349-1  
CRGCO 2512 470R 1%



## Documents

### Product Drawings

[TERMI-BLOK HEADER,ASSY90 2P.1](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_282818-2\\_D.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282818-2\\_D.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282818-2\\_D.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

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_ORG](#)

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL](#)

English