

#### Buchanan

TE Internal #: 282868-3

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .197 in [5 mm] Centerline, 2 Row, 90° Wire Entry Angle, 30 – 16 AWG Wire

Size

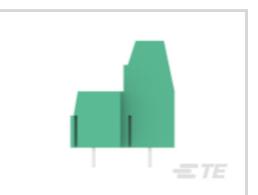
View on TE.com >

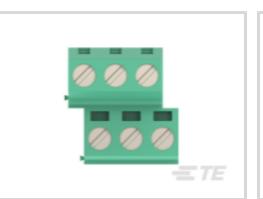


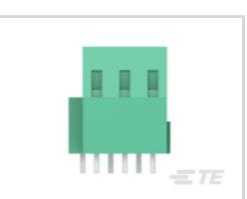
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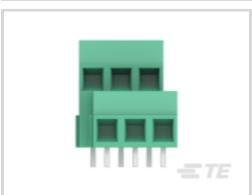
Connectors > Terminal Blocks & Strips > PCB Terminal Blocks











Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Number of Positions: 3

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

Number of Rows: 2

### **Features**

### **Product Type Features**

Wire Protection	With
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board
Configuration Features	
Stacked Levels	Level 1/Level 2
Wire Entry Location	Side
Number of Positions	3
Number of Rows	2
Wire Entry Angle	90°
Electrical Characteristics	
Operating Voltage	300 VAC

Green

**Body Features** 

Primary Product Color



Product Orientation	Vertical
Contact Features	
Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	13.5 A
Termination Features	
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Push-in
Mechanical Attachment	
Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]
Dimensions	
Wire Size	$.05 - 1.4 \text{ mm}^2$
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Quantity	125
Packaging Method	Вох
Other	
Terminal Blocks & Strips Comment	10A Field Wiring

### **Product Compliance**

For compliance documentation, visit the product page on 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 2023 (235)  Candidate List Declared Against: JUNE 2022 (224)  SVHC > Threshold:  Pb (2% in Component)  Article Safe Usage Statements:  Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Wave solder capable to 265°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**



# Customers Also Bought

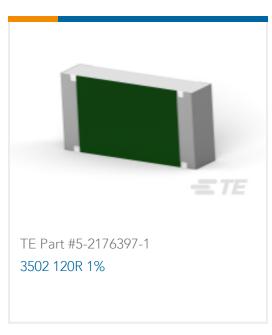




















### **Documents**

### **Product Drawings**

TERMI-BLOK PCB MOUNT 1&2 3P. 5

English

### **CAD Files**

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_282868-3\_F.3d\_stp.zip

English

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

Datasheets & Catalog Pages

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, .197 in [5 mm] Centerline, 2 Row, 90° Wire Entry Angle, 30 – 16 AWG Wire Size



### **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