

#### Buchanan

TE Internal #: 796949-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire

Size

View on TE.com >

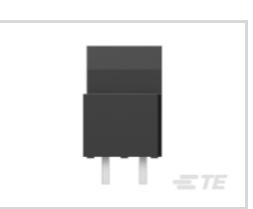


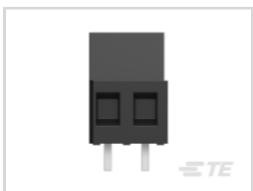
Connectors > Terminal Blocks & Strips > PCB Terminal Blocks











Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Number of Positions: 2

Centerline (Pitch): 5.08 mm [.2 in]

Number of Rows: 1

### **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	Without
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1
Wire Entry Angle	90°
Electrical Characteristics	
Operating Voltage	300 VAC



Primary Product Color Product Orientation Vertical  Contact Features  Contact Making Area Plating Material Contact Base Material Contact Base Material Contact Current Rating (Max) Tr. 5 A  Termination Features  Lermination Post & Lail Length Lermination Method to Printed Circuit Board Through Hole - Solder  Mechanical Attachment  Screw Plating Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount  Housing Features  Housing Material PA 56 Centerline (Fitch) Dimensions  Wire Size Usage Conditions Operating Lemperature Range About Application Circuit Application Circuit Application Circuit Application White  Packaging Features  Packaging Features  Packaging Method Box		
Contact Features  Contact Mating Area Plating Material I in Contact Base Material Brass  Contact Current Rating (Max) 17.5 A  Termination Features  Termination Post & Tail Length 3.5 mml, 138 in] Tormination Method to Printed Circuit Board Through Hole Solder  Mechanical Attachment  Screw Plating Material Nickel Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount  Housing Features  I lousing Material IPA 66 Centerline (Pitch) 5.08 mml, 2 in]  Dimensions  Wire Size .05 = 3 mm²  Usage Conditions  Operating Temperature Range -40 = 110 "CI=40 = 230 "FI Operation/Application Circuit Application Circuit Application Power & Signal Identification Marking Marking Color White  Packaging Features  Packaging Features  Packaging Features	Primary Product Color	Black
Contact Mating Area Plating Material Contact Base Material Contact Current Rating (Max) 17.5 A  Termination Features  I termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment  Screw Plating Material Screw Plating Material Screw Material Fress Thread Size M3 Connector Mounting Type Board Mount  Housing Features  Housing Material PA 66 Centerline (Pitch) Dimensions  Wire Size Jose Material Usage Conditions  Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features  Packaging Features  Packaging Countity  Marking Color White Packaging Features  Packaging Countity  300	Product Orientation	Vertical
Contact Base Material Contact Current Rating (Max)  Termination Features  Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment  Screw Plating Material Screw Plating Material Screw Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount  Housing Features  Housing Material PA 66 Centerline (Pitch) SoB mm(L2 in)  Dimensions  Wire Size Usage Conditions Operating Temperature Range 40 – 110 °C( 40 – 230 °F)  Operation/Application Circuit Application Power & Signal  Identification Marking Marking Color White  Packaging Features  Packaging Features  Packaging Ouantity 300	Contact Features	
Termination Features  Termination Post & Tail Length 3.5 mm[.138 in]  Termination Method to Printed Circuit Board Through Hole - Solder  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) 5.08 mm[.2 in]  Dimensions  Wire Size .05 – 3 mm²  Usage Conditions  Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application Power & Signal  Identification Marking  Marking Color White  Packaging Features  Packaging Quantity 300	Contact Mating Area Plating Material	Tin
Termination Features  Termination Post & Tail Length  Termination Method to Printed Circuit Board  Mechanical Attachment  Screw Plating Material  Screw Plating Material  Screw Material  Pread Size  M3  Connector Mounting Type  Housing Features  Housing Material  PA 66  Centerline (Pitch)  Dimensions  Wire Size  Usage Conditions  Operating Temperature Range  Operation/Application  Circuit Application  Circuit Application  Marking Color  White  Packaging Features  Packaging Guantity  3.5 mm[.138 in]  Through Hole - Solder  Minough Hole - Solder  Minough Hole - Solder  Mass  In rough Hole - Solder  Mass  Nickel  Serew Plating Hole - Solder  Mass  Nickel  Brass  Mas  Board Mount  PA 66  Centerline (Pitch)  5.08 mm[.2 in]  Dimensions  Vira Size  .05 3 mm²  Usage Conditions  Operation/Application  Circuit Application  White  Packaging Features  Packaging Guantity  300	Contact Base Material	Brass
Termination Post & Tail Length Termination Method to Printed Circuit Board  Mechanical Attachment  Screw Plating Material Screw Material Screw Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount  Housing Features  Housing Material PA 66 Centerline (Pitch) Soß mm[.2 in]  Dimensions  Wire Size Usage Conditions  Operating Temperature Range A0 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application  Circuit Application  Marking Color White  Packaging Features  Packaging Features  Packaging Quantity  3.5 mm[.138 in] Through Hole - Solder Through Hole -	Contact Current Rating (Max)	17.5 A
Termination Method to Printed Circuit Board  Mechanical Attachment  Screw Plating Material  Screw Material  Screw Material  Thread Size  M3  Connector Mounting Type  Board Mount  Housing Features  Housing Material  PA 66  Centerline (Pitch)  Dimensions  Wire Size  Usage Conditions  Operating Temperature Range  Operating Temperature Range  Circuit Application  Circuit Application  Circuit Application  Marking Color  White  Packaging Features  Packaging Guantity  300	Termination Features	
Mechanical Attachment  Screw Plating Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount  Housing Features Housing Material PA 66 Centerline (Pitch) Dimensions Wire Size Usage Conditions Operating Temperature Range Operating Temperature Range Operating Application Circuit Application Circuit Application White Packaging Features Packaging Guantity  Nickel Brass Ma  Ma (  Mickel  Brass  Ma  Masking Color White Packaging Guantity  Nickel  Brass  Ma  Nickel  Nickel  Brass  Au  Nickel  Brass  Au  Nickel  Brass  Au  Au  Au  Au  Au  Au  Au  Au  Au	Termination Post & Tail Length	3.5 mm[.138 in]
Screw Plating Material Nickel Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5.08 mm[.2 in] Dimensions Wire Size .05 – 3 mm² Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Ouantity 300	Termination Method to Printed Circuit Board	Through Hole - Solder
Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5.08 mm[.2 in]  Dimensions Wire Size .05 – 3 mm² Usage Conditions Operating Temperature Range -40 –110 °C[-40 – 230 °F]  Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White  Packaging Features Packaging Quantity 300	Mechanical Attachment	
Thread Size Connector Mounting Type Board Mount  Housing Features  Housing Material PA 66 Centerline (Pitch) 5.08 mm[.2 in]  Dimensions  Wire Size 0.55 – 3 mm²  Usage Conditions Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application  Identification Marking Marking Color  Packaging Features Packaging Quantity  M3  Manual Manual Manual Board Mount PA 66  0.05 – 3 mm²  -40 – 110 °C[-40 – 230 °F]  White	Screw Plating Material	Nickel
Connector Mounting Type  Housing Features  Housing Material PA 66 Centerline (Pitch) 5.08 mm[.2 in]  Dimensions  Wire Size .05 – 3 mm²  Usage Conditions  Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application  Identification Marking  Marking Color White  Packaging Features  Packaging Quantity 300	Screw Material	Brass
Housing Material PA 66 Centerline (Pitch) 5.08 mm[.2 in]  Dimensions Wire Size 0.5 - 3 mm²  Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F]  Operation/Application Circuit Application Power & Signal  Identification Marking Marking Color White  Packaging Features Packaging Quantity 300	Thread Size	M3
Housing Material Centerline (Pitch) 5.08 mm[.2 in]  Dimensions Wire Size .05 - 3 mm²  Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F]  Operation/Application Circuit Application Power & Signal  Identification Marking Marking Color White  Packaging Features Packaging Quantity 300	Connector Mounting Type	Board Mount
Centerline (Pitch)  Dimensions  Wire Size  .05 – 3 mm²  Usage Conditions  Operating Temperature Range  -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application  Power & Signal  Identification Marking  Marking Color  White  Packaging Features  Packaging Quantity  300	Housing Features	
Dimensions  Wire Size .05 – 3 mm²  Usage Conditions  Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application Power & Signal  Identification Marking  Marking Color White  Packaging Features  Packaging Quantity 300	Housing Material	PA 66
Wire Size  Usage Conditions  Operating Temperature Range  -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application  Power & Signal  Identification Marking  Marking Color  White  Packaging Features  Packaging Quantity  300	Centerline (Pitch)	5.08 mm[.2 in]
Usage Conditions  Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application  Circuit Application Power & Signal  Identification Marking  Marking Color White  Packaging Features  Packaging Quantity 300	Dimensions	
Operating Temperature Range -40 – 110 °C[-40 – 230 °F]  Operation/Application Circuit Application Power & Signal  Identification Marking Marking Color White  Packaging Features Packaging Quantity 300	Wire Size	$.05 - 3 \text{ mm}^2$
Operation/Application  Circuit Application  Identification Marking  Marking Color  White  Packaging Features  Packaging Quantity  300	Usage Conditions	
Circuit Application Power & Signal  Identification Marking  Marking Color White  Packaging Features  Packaging Quantity 300	Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]
Identification Marking  Marking Color  White  Packaging Features  Packaging Quantity  300	Operation/Application	
Marking Color  Packaging Features  Packaging Quantity  300	Circuit Application	Power & Signal
Packaging Features Packaging Quantity 300	Identification Marking	
Packaging Quantity 300	Marking Color	White
	Packaging Features	
Packaging Method Box	Packaging Quantity	300
	Packaging Method	Box

## **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: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (2.02% in Component Part) 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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 2P. 5

English

### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_796949-2\_C.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_796949-2\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_796949-2\_C.3d\_stp.zip

English

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

Datasheets & Catalog Pages

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 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