



**Buchanan**

TE Internal #: 282856-3

Header, Wire-to-Board, 3 Position, 5 mm [.197 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG 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: **3**

Centerline (Pitch): **5 mm [.197 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	3
Number of Rows	1
Wire Entry Angle	90°

**Electrical Characteristics**

Operating Voltage	300 VAC
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**Body Features**



Primary Product Color	Green
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Product Orientation	Vertical
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### Contact Features

Contact Mating Area Plating Material	Tin
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Contact Base Material	Brass
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Contact Current Rating (Max)	24 A
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### Termination Features

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

Screw Plating Material	Nickel
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Screw Material	Brass
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Thread Size	M3
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Connector Mounting Type	Board Mount
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### Housing Features

Housing Material	PA 66
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Centerline (Pitch)	5 mm[.197 in]
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### Dimensions

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

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	200
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Packaging Method	Box
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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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 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

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



TE Part # 282857-3  
TERMI-BLOK PCB MOUNT 90 3P.5

## Customers Also Bought



TE Part #440055-5  
2.0MM,HDR,5POS,R/A



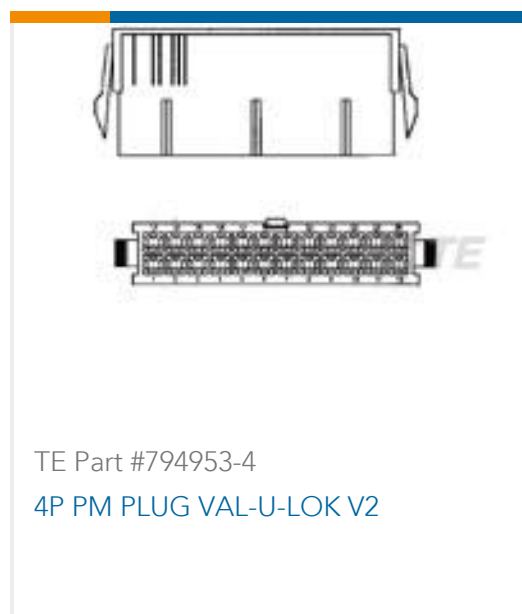
TE Part #3-2176070-0  
3521 160R 1% 2W



TE Part #2-2071567-2  
ECK250AAAPA



TE Part #103310-1  
010 LOPRO HDR RA 15DP



TE Part #794953-4  
4P PM PLUG VAL-U-LOK V2



TE Part #292207-4  
MINI CT SGL DIP V 4P NAT



TE Part #2902090001  
HT-SCE-1K-3/32-2.0-9



TE Part #1717394-2  
0.64 SMD 24POS CAP ASSY V TIN



TE Part #2-2176452-7  
CPF 0201 1K0 0.1% 25ppm 1K RL



TE Part #1-2176422-8  
TLRP 2512 3.0W R004 1% 25PPM 4K RL

## Documents

### Product Drawings

#### TERMI-BLOK PCB MOUNT 3P

English

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282856-3\\_D1.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282856-3\\_D1.2d\\_dxf.zip](#)

English

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_282856-3\\_D1.3d\\_igs.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

#### Eurostyle Terminal Blocks Focus Product Stock List

English

#### BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

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

English

### Product Specifications



### Application Specification

English

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### Agency Approvals

UL

English