



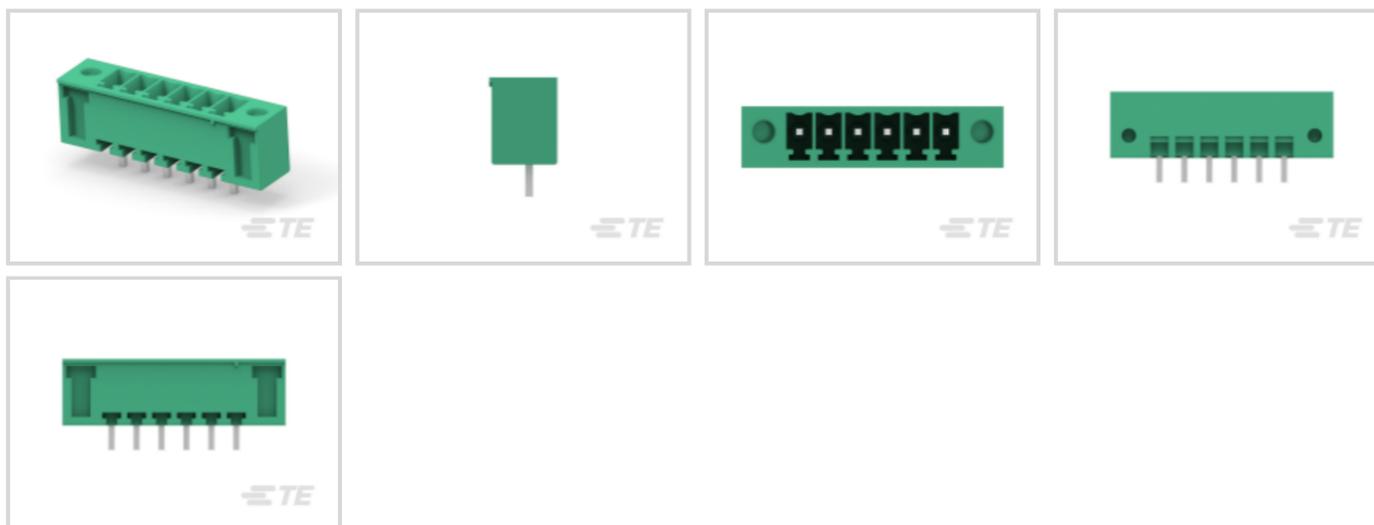
**Buchanan**

TE Internal #: 284516-6

PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, .138 in [3.5 mm] Centerline, 1 Row, 30 – 14 AWG Wire Size, .05 – 2 mm<sup>2</sup> Wire Size, 11 A

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

Centerline (Pitch): **3.5 mm [ .138 in ]**

Number of Rows: **1**

**Features**

**Product Type Features**

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

**Configuration Features**

Threaded Flange	With
Closed End	With
Number of Positions	6
Number of Rows	1

**Electrical Characteristics**

Current Rating (Max)	11 A
Voltage Rating	200 VAC

**Body Features**



Interlock	Without
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### Contact Features

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11 A

### Mechanical Attachment

Mating Angle	180°
Screwless Terminal Block	No
Mounting Angle	Vertical
Screw Flange	Without
Connector Mounting Type	Board Mount

### Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	3.5 mm [.138 in]

### Dimensions

PCB Tail Length	3.4 mm [.134 in]
Wire Size	.05 – 2 mm <sup>2</sup>

### 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	100
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### 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: JAN 2018 (181)

SVHC > Threshold:  
Not Yet Reviewed

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

### Compatible Parts

TE Part # 1986723-6  
STR PLUG SPRING TYPE RH 6P, 3.50 mm

TE Part # 284510-6  
6P TERMI-BLOK PLUG CON VITI

TE Part # 1776132-6  
6P TERMI-BLOK HDR,HIGH TEMP

TE Part # 1986820-6  
6P TB,3.81,F,VER,LOCK SRW FLG

TE Part # 1986821-6  
6P TB,7.62MM,F,VER,LOCK SRW FLG

### Documents



## Product Drawings

### 6P TERMIBLOK HDR DIR C VITI

English

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## CAD Files

### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-6\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-6\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-6\\_A.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-6\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-6\\_B.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-6\\_B.2d\\_dxf.zip](#)

English

### 3D PDF

English

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

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## 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

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## Product Specifications

### Application Specification

English