

282815-9 ✓ ACTIVE

Buchanan

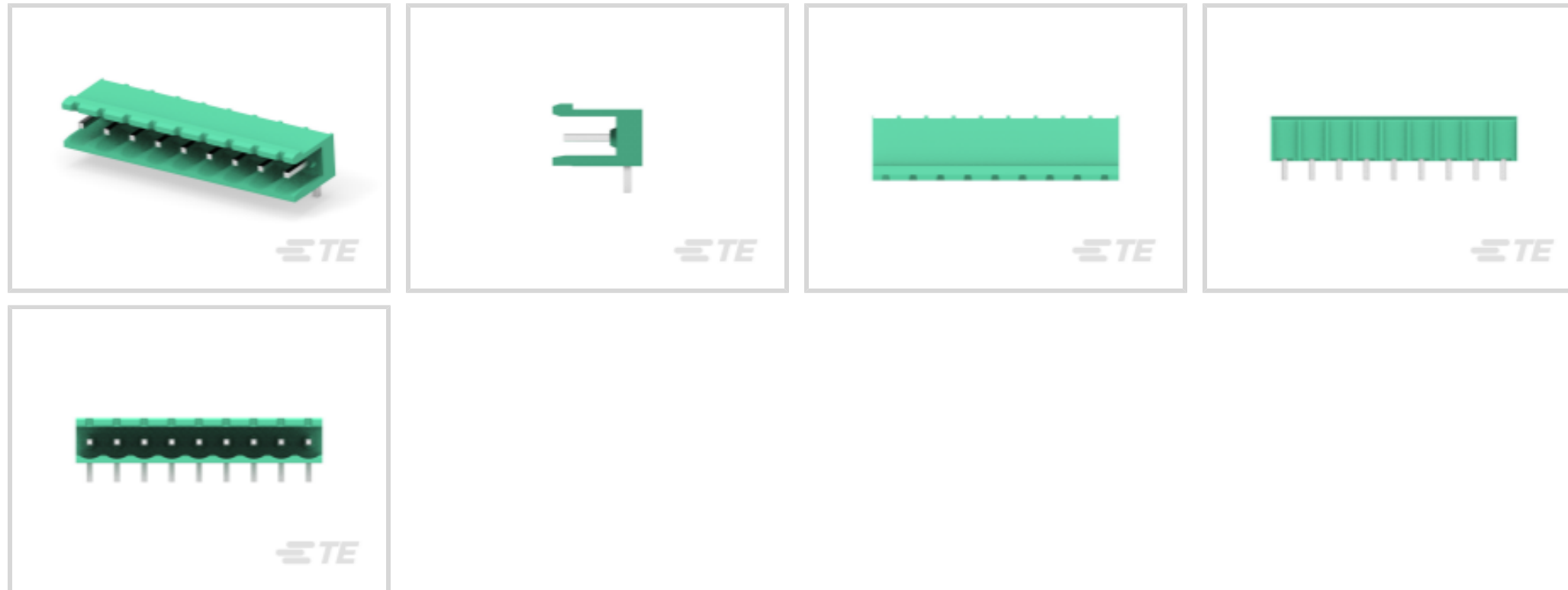
TE Internal #: 282815-9

PCB Terminal Blocks, Header, Wire-to-Board, 9 Position, .2 in [5.08 mm] Centerline, 1 Row, 30 – 12 AWG Wire Size, .05 – 3 mm<sup>2</sup> 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: **9**

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

Number of Rows: **1**

## Features

### Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Header Type                       | Partially 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    | 9              |
| Number of Rows         | 1              |

### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

### Body Features

|                       |             |
|-----------------------|-------------|
| Primary Product Color | Green       |
| Product Orientation   | Right Angle |



### Contact Features

|                                      |                  |
|--------------------------------------|------------------|
| Contact Mating Area Plating Material | Tin              |
| Contact Base Material                | Copper Magnesium |
| Contact Current Rating (Max)         | 15 A             |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Post & Tail Length              | 3.5 mm[.138 in]       |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

### Mechanical Attachment

|                         |             |
|-------------------------|-------------|
| Connector Mounting Type | Board Mount |
|-------------------------|-------------|

### Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA 66          |
| Centerline (Pitch) | 5.08 mm[.2 in] |

### Dimensions

|           |                         |
|-----------|-------------------------|
| Wire Size | .05 – 3 mm <sup>2</sup> |
|-----------|-------------------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 105 °C[-40 – 221 °F] |
|-----------------------------|----------------------------|

### Operation/Application

|                     |                |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

### Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 100 |
|--------------------|-----|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235)<br>Candidate List Declared Against: JUNE 2022 (224)<br>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 # 796634-9  
9 POS 5.08MM R/A PLUG, TRM BLK



TE Part # 284047-9  
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 796859-9  
9 POS TERMI-BLOK PLUG RT ANGLE



TE Part # 1546110-9  
EUROSTYLE TB, HEADER, GREY, 9 POS



TE Part # 1986262-9  
9 POS PLUG SPRING CONN, PITCH 5.08



TE Part # 284041-9  
TERMINAL BLK VERTICAL PLUG STA



TE Part # 4-796634-9  
9 POS 5.08MM R/A PLUG, TRM BLK, Marked



TE Part # 4-796635-3  
9 POS 5.08MM R/A PLUG, TRM BLK, AU



TE Part # 4-796635-6  
9 POS 5.08MM R/A PLUG, TRM BLK, Splc Mark



TE Part # 796635-9  
9 POS 5.08MM R/A PLUG, TRM BLK

## Customers Also Bought



TE Part #5787082-5  
50 50SR R/A RCPT ASSY, RDSN L/F



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



TE Part #5103309-5  
A/L LOW PRO HDR 20P VERT BLACK



TE Part #3-1419108-5  
RTD34012



TE Part #2-382811-1  
SHUNT, ECON, PHBRSN, BLACK



TE Part #42822-4  
250 FASTON TAB TPBR



TE Part #5-146274-3  
03 MODII HDR SRST B/A .100CL



TE Part #2-1419108-7  
RTB34012F



TE Part #3-1419108-6  
RTD34012F

## Documents

### CAD Files

3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_282815-9\\_C.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282815-9\\_C.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_282815-9\\_C.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

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### [Product Specifications](#)

#### [Application Specification](#)

English

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### [Agency Approvals](#)

#### [UL](#)

English