



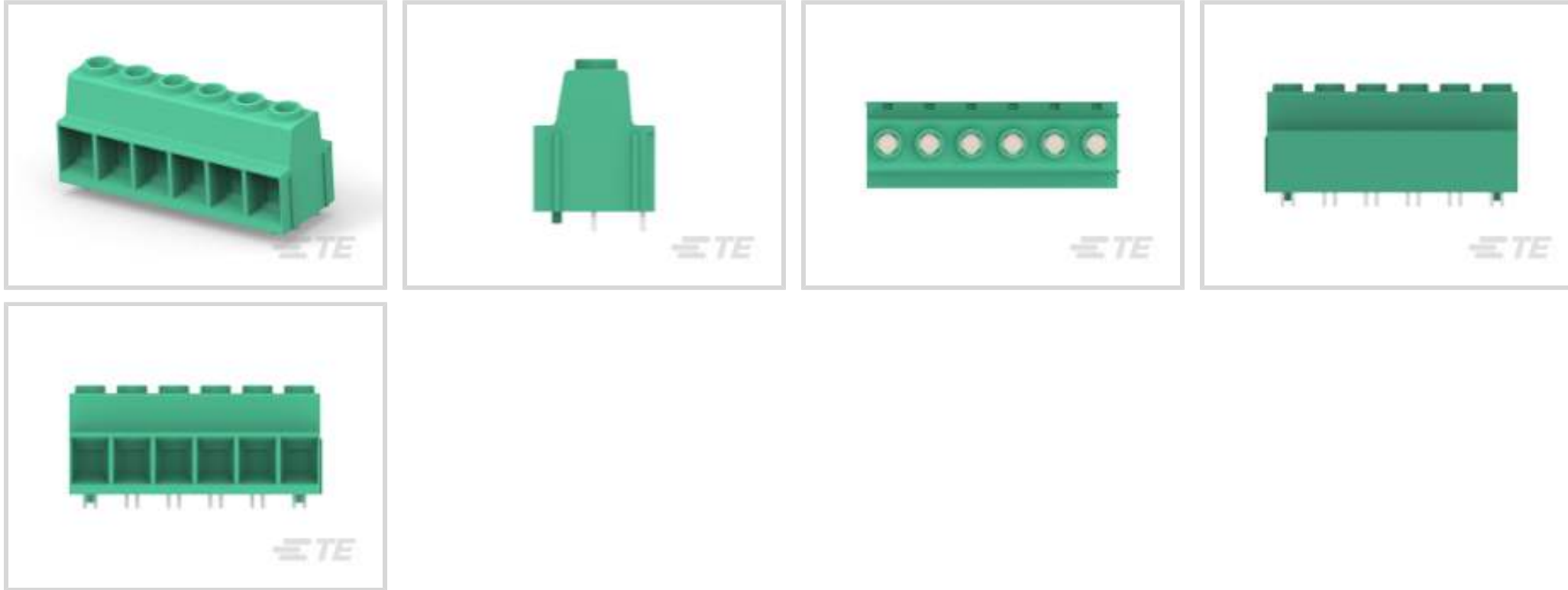
**Buchanan**

TE Internal #: 1986714-6

PCB Terminal Blocks, Header, Wire-to-Board, 6 Position, .591 in [15 mm] Centerline, 2 Row, 90° Wire Entry Angle, 20 – 1 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: **6**

Centerline (Pitch): **15 mm [ .591 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**

|                        |                |
|------------------------|----------------|
| Wire Entry Location    | Side           |
| Stacking Configuration | Side Stackable |
| Number of Positions    | 6              |
| Number of Rows         | 2              |
| Wire Entry Angle       | 90°            |

**Electrical Characteristics**

|                   |         |
|-------------------|---------|
| Operating Voltage | 600 VAC |
|-------------------|---------|

**Body Features**

|                       |       |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|



|                     |          |
|---------------------|----------|
| Product Orientation | Vertical |
|---------------------|----------|

### Contact Features

|                                      |               |
|--------------------------------------|---------------|
| Contact Mating Area Length           | 5 mm[.197 in] |
| Contact Mating Area Plating Material | Tin           |
| Contact Base Material                | Copper Alloy  |
| Contact Current Rating (Max)         | 130 A         |

### Termination Features

|   |                       |
|---|-----------------------|
| Termination Post & Tail Length              | 5 mm[.197 in]         |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

### Mechanical Attachment

|                          |                |
|--------------------------|----------------|
| Screw Plating Material   | Nickel         |
| Screw Material           | Steel          |
| PCB Mount Alignment Type | Locating Posts |
| Thread Size              | M5             |
| Connector Mounting Type  | Board Mount    |

### Housing Features

|                    |                |
|--------------------|----------------|
| Housing Material   | PA 66          |
| Centerline (Pitch) | 15 mm[.591 in] |

### Dimensions

|           |                         |
|-----------|-------------------------|
| Wire Size | .5 – 41 mm <sup>2</sup> |
|-----------|-------------------------|

### Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |
|-----------------------------|----------------------------|

### Operation/Application

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

### Packaging Features

|                    |        |
|--------------------|--------|
| Packaging Quantity | 10     |
| Packaging Method   | Carton |

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

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



|   |   |
|---|---|
| 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)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (.8% in Component Part)<br><b>Article Safe Usage Statements:</b><br>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

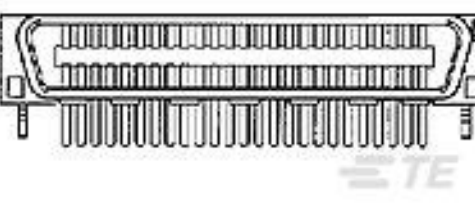


TE Part # 1986713-6  
PWR TB DBL PIN 6P, 15.00 PCB



TE Part # 1986715-6  
PWR TB 2PIN 6P, 15.00 PCB-FLANGE

### Customers Also Bought



TE Part #3-5179275-8  
CHAMP 050-I PLUG H ASSY 68P



TE Part #2-178216-2  
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #2-2013519-0  
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



TE Part #1-2229803-2  
D3950 HDR 7/11POS 1ROW Y KEY



## Documents

### Product Drawings

[PWR TB 2PIN 6P,15.00 PCB W/PEG](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1986714-6\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986714-6\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986714-6\\_B.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

### Agency Approvals

[UL](#)

English