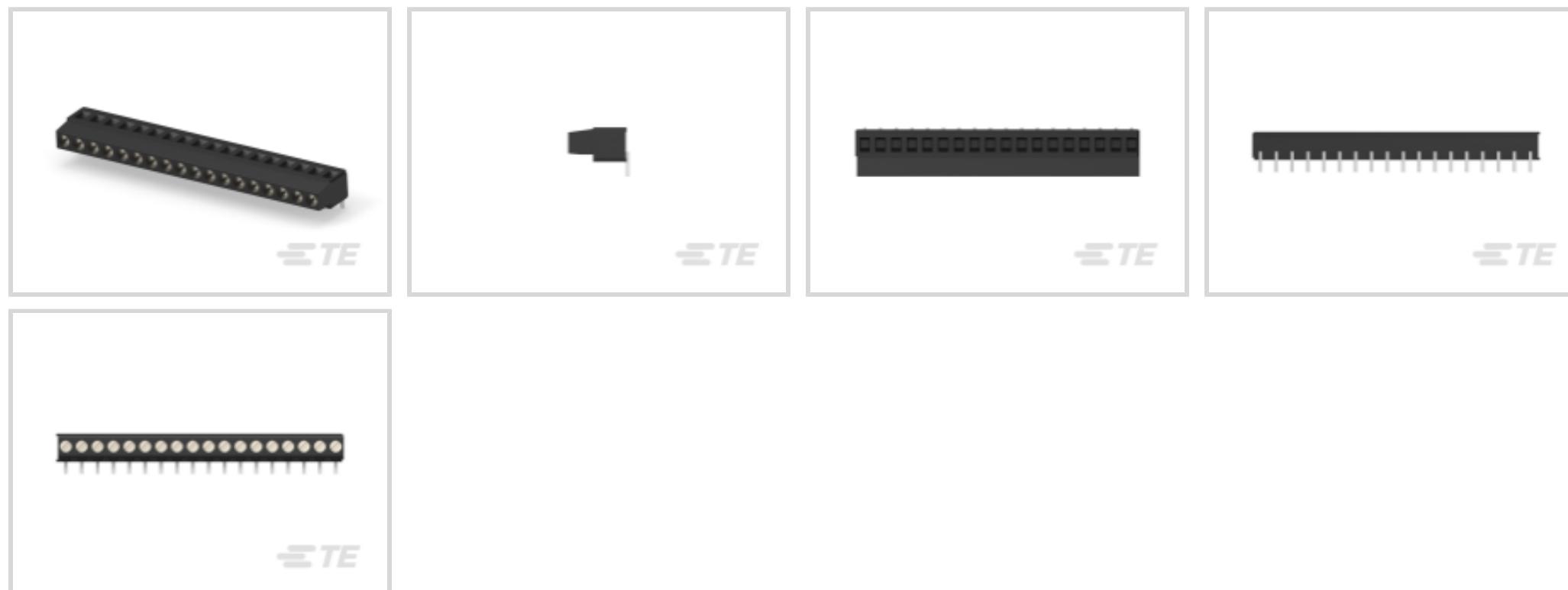


Buchanan

TE Internal #: 1-1546073-8

18 Position PCB Terminal Block, Header, Wire-to-Board, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG, .05 – 3 mm<sup>2</sup> Wire, 300 VAC

[View on TE.com >](#)[Connectors > Terminal Blocks & Strips > PCB Terminal Blocks](#)Number of Positions: **18**Terminal Block Connector Type: **Header**Connector System: **Wire-to-Board**Centerline (Pitch): **5.08 mm [.2 in]**Number of Rows: **1**

## Features

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.8 mm [.15 in]

### Body Features

Primary Product Color	Black
Product Orientation	Right Angle

### Packaging Features

Packaging Method	Box
Packaging Quantity	50

### Mechanical Attachment

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

### Contact Features

Contact Mating Area Length	3.8 mm
Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	17.5 A

### Housing Features

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

### 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	Top
Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	18
Number of Rows	1
Wire Entry Angle	90°

### Electrical Characteristics

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

### Dimensions

Wire Size	30 – 12 AWG
-----------	-------------

### Usage Conditions

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

### Operation/Application

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

### Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

## Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > Threshold: Pb (.77% 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

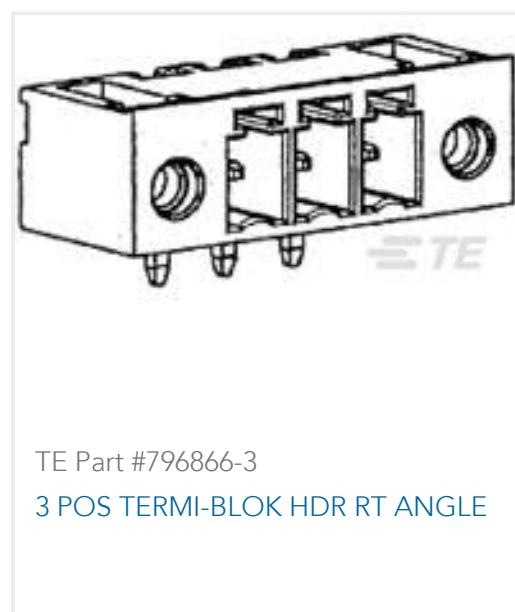
### Product Compliance Disclaimer

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

TE Part #206306-1  
23-37 RECEPT REV SEXTE Part #1658621-6  
26 NOVO MIL/CTR 15DP,LEAD FREETE Part #204370-2  
PIN CONTACT,Sz22D,22-28 AWGTE Part #1757823-7  
AMPLIMITE,ASY,PLUG,STD,90,ZN,1,CTTE Part #796866-3  
3 POS TERMI-BLOK HDR RT ANGLETE Part #1SNK908302R0000  
JB8-2TE Part #1-2176415-6  
8W STD M/OX 5% 120RTE Part #1-1757823-1  
AMPLIMITE,ASY,PLUG,STD,90,ZN,5,CTTE Part #1SNK508422R0000  
ZS10-SF-R3TE Part #4-2176531-0  
3504G 3A 15K 1% 1K RL

## Documents

### Product Drawings

#### 18POS 5.08MM TERMI-BLOK

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1546073-8\\_B.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1546073-8\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_1-1546073-8\\_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

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

English

---

### Product Specifications

[Application Specification](#)

English

---

### Agency Approvals

[UL](#)

English