# 1-796861-2 ACTIVE

### Buchanan

TE Internal #: 1-796861-2

PCB Terminal Blocks, Plug, Wire-to-Board, 12 Position, .2 in [5.08 mm] Centerline, 1 Row, Side Wire Entry Angle, 30 – 12 AWG Wire

Size

View on TE.com >



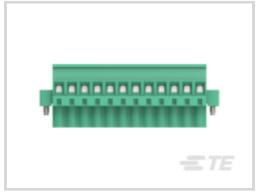
Connectors > Terminal Blocks & Strips > PCB Terminal Blocks











Terminal Block Connector Type: Plug

Connector System: Wire-to-Board

Number of Positions: 12

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

Number of Rows: 1

### **Features**

## **Product Type Features**

Wire Protection	With
Block Type	Stacking Plug
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

## **Configuration Features**

Threaded Flange	With
Number of Positions	12
Number of Rows	1
Wire Entry Angle	Side

## **Electrical Characteristics**

Current Rating (Max)	15 A
Voltage Rating	300 VAC

## **Body Features**



Interlock	With
Contact Features	
Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 A
Mechanical Attachment	
Screwless Terminal Block	No
Mounting Angle	Vertical
Screw Size	M3
Screw Plating Material	Nickel
Screw Material	Brass
Screw Flange	With
Housing Features	
Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	5.08 mm[.2 in]
Dimensions	
Wire Size	$.05 - 3 \text{ mm}^2$
Usage Conditions	
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Carton
Packaging Quantity	100

## **Product Compliance**

For compliance documentation, visit the product page on 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 2022

(224)

Candidate List Declared Against: JUN 2016

(169)

SVHC > Threshold: Not Yet Reviewed

Halogen Content Not Yet Reviewed for halogen content

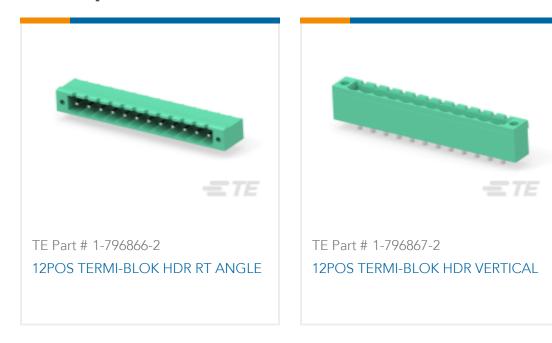
Solder Process Capability

Not applicable for solder process capability

#### 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



### **Documents**

### **Product Drawings**

12POS TERMI-BLOK PLUG VERTICAL

English

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_1-796861-2\_C.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_1-796861-2\_C.3d\_stp.zip

English



**Customer View Model** 

ENG\_CVM\_1-796861-2\_C.2d\_dxf.zip

English

3D PDF

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\_QRG

English

**Product Specifications** 

**Application Specification** 

English