

1776112-2 ✓ ACTIVE

Buchanan

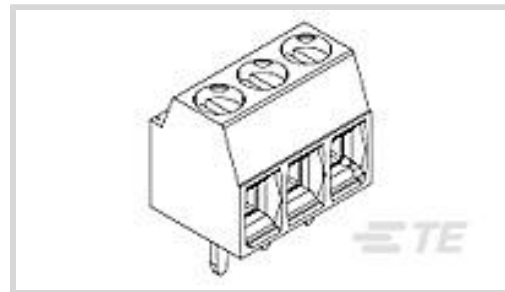
TE Internal #: 1776112-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, 3.5mm [.138in] Centerline, 1 Row, Side Wire Entry Angle, 28 – 16AWG Wire Size

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **2**

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

Number of Rows: **1**

## Features

### Product Type Features

Wire Protection	With
Block Type	None
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

### Configuration Features

Stacked Levels	Without
Closed End	Without
Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1
Wire Entry Angle	Side

### Electrical Characteristics

Current Rating (Max)	12 A
Voltage Rating	150 VAC

### Body Features

Interlock	Without
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### Contact Features



Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12 A

### Mechanical Attachment

Screwless Terminal Block	No
Mounting Angle	Vertical
Screw Size	M2
Screw Plating Material	Nickel
Screw Material	Copper Alloy
Screw Flange	Without
Connector Mounting Type	Board Mount

### Housing Features

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

### Dimensions

PCB Tail Length	2.6 mm [.102 in]
Wire Size	.08 – 1.4 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Method	Box
Packaging Quantity	300

### 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
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold



EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JAN 2021  
(211)

Candidate List Declared Against: JAN 2021  
(211)

SVHC > Threshold:  
Pb (.8% 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



TE Part # 1546551-2  
2P,STRAIGHT,SIDE ENTRY,3.5MM

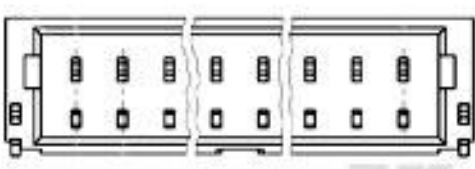


TE Part # 1-1546551-0  
10P,STRAIGHT,SIDE ENTRY,3.5MM



TE Part # 2842089-2  
2P,STRAIGHT,SIDE ENTRY,3.5MM,BLK

### Customers Also Bought



TE Part #1-1734709-0  
1.0 WTB HDR SR RA 10 POS



TE Part #1-331366-0  
PIDG SPDFLG 22-16COM22-18MIL10



TE Part #9-2176070-8  
3521 110K 1% 2W



TE Part #1-1614885-2  
CPF 0805 220K 0.1% 25PPM 1K RL



## Documents

### CAD Files

#### Customer View Model

[ENG\\_CVM\\_1776112-2\\_O.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1776112-2\\_O.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_1776112-2\\_O.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

#### Eurostyle Terminal Blocks Focus Product Stock List

English

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

English

### Product Specifications

#### Application Specification

English

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