1-282830-2 ✔ ACTIVE

Buchanan

TE Internal #: 1-282830-2

PCB Terminal Blocks, Plug, Wire-to-Board, 12 Position, .197 in [5 mm] Centerline, 1 Row, Side Wire Entry Angle, 30 – 12 AWG Wire Size
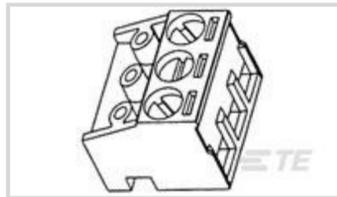
View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks

Terminal Block Connector Type: **Plug**

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

Number of Positions: **12**

Centerline (Pitch): **5 mm [.197 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Number of Positions	12
Number of Rows	1
Wire Entry Angle	Side

Electrical Characteristics

Current Rating (Max)	12 A
Voltage Rating	300 VAC

Body Features

Interlock	Without

Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	12 A

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Mechanical Attachment

Mating Angle	90°(Bottom)/ 180° (Side)
Screwless Terminal Block	Yes
Mounting Angle	Right Angle, Vertical
Screw Size	M3
Screw Plating Material	Nickel
Screw Material	Brass
Screw Flange	Without

Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Wire Size	.05 – 2 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Marking Color	Black

Packaging Features

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: JAN 2020 (205) Does not contain REACH SVHC

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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 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 # 1-1546931-2
12P UNSHROUD 5.0 HDR,HIGH TEMP

TE Part # 1-282832-2
TERMI-BLOK PIN HEAD 180 12P.5

TE Part # 1-1546018-2
12POS TERMI-BLOK PLUG 90 &180

TE Part # 1-1546931-3
13P UNSHROUD 5.0 HDR,HIGH TEMP

TE Part # 1-282827-2
TERMI-BLOK HEADER,ASSY90 12P.

TE Part # 1-1986866-2
12P HDR, 5MM, 90DEG, SIDE STK

TE Part # 2-1986866-4
24P HDR, 5MM, 90DEG, SIDE STK

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_1-282830-2_L2.3d_igs.zip

English

Customer View Model

ENG_CVM_1-282830-2_L2.3d_stp.zip

English

Customer View Model

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ENG_CVM_1-282830-2_L2.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-282830-2_H.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-282830-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-282830-2_H.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