

282838-8 ✓ ACTIVE

Buchanan

TE Internal #: 282838-8

PCB Terminal Blocks, Header, Wire-to-Board, 7 Position, .394 in [10

mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 16 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: **7**

Centerline (Pitch): **10 mm [.394 in]**

Number of Rows: **1**

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

Stacked Levels	Without
Wire Entry Location	Side
Number of Positions	7
Number of Rows	1
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

Primary Product Color	Green
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Product Orientation Vertical

Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	13.5 A

Termination Features

Termination Post & Tail Length	3.5 mm [.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PA 66
Centerline (Pitch)	10 mm [.394 in]

Dimensions

Wire Size	.05 - 1.3 mm ²
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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 Quantity	50
Packaging Method	Box

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: JAN 2024

(240)

Candidate List Declared Against: JUNE 2023 (235)

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

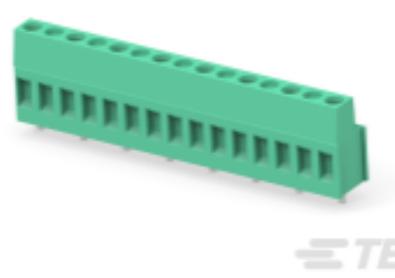
Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

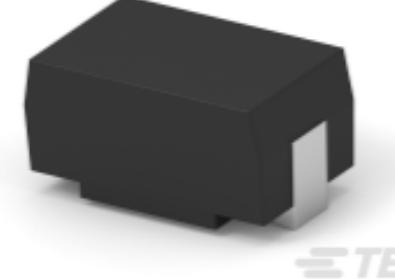
Wave solder capable to 265°C

Product Compliance Disclaimer

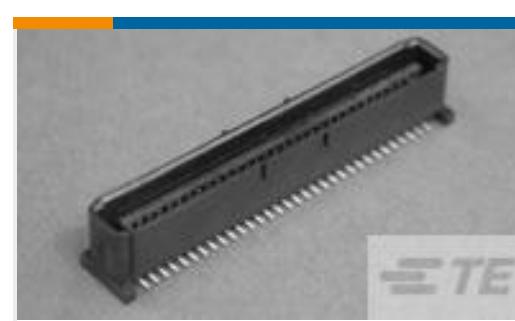
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # 282858-8
8P. TERMI-BLOK PCB MOUNT 90

Customers Also Bought

TE Part # 2-1879233-5
SMD Power Resistor: 7 Watt, 0.10-500 Ohm



TE Part # 5120525-1
1FHP,64,30A/S,S,N,S08



TE Part # 4-1437565-2
FSM4JSMATR=TACT SWITCH 6X6MIL



TE Part # 1676480-3
CRG0402 1% 10K



Documents

Product Drawings

TERMI-BLOK PCB MOUNT 90 7P.

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_282838-8_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282838-8_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282838-8_E.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