1-796683-0 ACTIVE

Buchanan

TE Internal #: 1-796683-0

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, .197 in [5 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire

Size

View on TE.com >



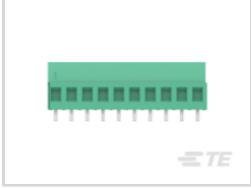
Connectors > Terminal Blocks & Strips > PCB Terminal Blocks











Terminal Block Connector Type: Header

Connector System: Wire-to-Board

Number of Positions: 10

Centerline (Pitch): 5 mm [.197 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
Stacking Configuration	Side Stackable
Number of Positions	10
Number of Rows	1
Wire Entry Angle	90°
Electrical Characteristics	

300 VAC

Operating Voltage



Principle Product Color Product Orientation Vertical Contact Features Contact Features Contact Mating Area Plating Material Contact Base Material Contact Base Material Contact Current Rating (Max) Termination Peatures Termination Post & Tail Length Termination Post & Tail Length Termination Method to Printed Circuit Board Mechanical Attachment Screw Plating Material Nickel Screw Material Brass Thread Size M3 Connector Mounting Type Roard Mount Housing Features Housing Material PA 66 Centerline (Pitch) Smm[197 in] Dimensions Wire Size Usage Conditions Operating Temperature Range 40 110 °C(40 - 230 °F) Operation/Application Circuit Application Circuit Application White Packaging Features Packaging Features Packaging Guantity 100 Packaging Method Box		
Contact Mating Area Plating Material Contact Base Material Brass Contact Current Rating (Max) 17.5 A Termination Features Termination Peatures Termination Method to Printed Circuit Board Mechanical Attachment Screw Plating Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) Smm, 197 inj Dimensions Wire Size Usage Conditions Operating Temperature Range Operating Application Circuit Application Circuit Application Warking Color White Packaging Features Packaging Features Packaging Features Packaging Features Packaging Gountity 100	Primary Product Color	Green
Contact Mating Area Plating Material Brass Contact Base Material Brass Contact Current Rating (Max) 17.5 A Termination Features Termination Peatures Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Screw Plating Material Nickel Screw Plating Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size	Product Orientation	Vertical
Contact Base Material Brass Contact Current Rating (Max) 17.5 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 P'A 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size	Contact Features	
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) 5 mm[.197 in] Dimensions Wire Size .05 - 3 mm? Usage Conditions Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Guantity 100	Contact Mating Area Plating Material	Tin
Termination Features I commination Post & Tail Length Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Screw Plating Material Screw Material Screw Material Screw Material Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) Srmm[.197 in] Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Circuit Application Marking Color White Packaging Features Packaging Features Packaging Gountity 100	Contact Base Material	Brass
Termination Post & Tail Length Termination Method to Printed Circuit Board Through Hole - Solder Mechanical Attachment Screw Plating Material Screw Material Screw Material Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) Smm[.197 in] Dimensions Wire Size Usage Conditions Operating Temperature Range -/0 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Circuit Application White Packaging Features Packaging Features Packaging Guantity 100	Contact Current Rating (Max)	17.5 A
Termination Method to Printed Circuit Board Mechanical Attachment Screw Plating Material Screw Material Screw Material Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size Usage Conditions Operating Temperature Range Operation/Application Circuit Application Circuit Application Marking Color White Packaging Guantity 100	Termination Features	
Mechanical Attachment Screw Plating Material Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) Srmm[.197 in] Dimensions Wire Size Usage Conditions Operating Temperature Range Operation/Application Circuit Application Identification Marking Marking Color Packaging Features Packaging Features Packaging Quantity Nickel Brass M3 Connector Mount Brass Ma Ad - 100 Power & Signal White Packaging Features Packaging Quantity 100	Termination Post & Tail Length	3.5 mm[.138 in]
Screw Plating Material Nickel Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Termination Method to Printed Circuit Board	Through Hole - Solder
Screw Material Brass Thread Size M3 Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Identification Marking Marking Color White Packaging Features Packaging Ouantity 100	Mechanical Attachment	
Thread Size Connector Mounting Type Board Mount Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size 0.05 - 3 mm² Usage Conditions Operating Temperature Range 40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Identification Marking Marking Color Packaging Features Packaging Quantity 100	Screw Plating Material	Nickel
Connector Mounting Type Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size Usage Conditions Operating Temperature Range Operation/Application Circuit Application Circuit Application Marking Color Marking Color Packaging Features Packaging Quantity Board Mount PA 66 5 mm[.197 in] 5 mm[.197 in] Power .05 - 3 mm² Usage Conditions Vire Size -40 - 110 °C[-40 - 230 °F] White	Screw Material	Brass
Housing Features Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Thread Size	M3
Housing Material PA 66 Centerline (Pitch) 5 mm[.197 in] Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Connector Mounting Type	Board Mount
Centerline (Pitch) Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Housing Features	
Dimensions Wire Size .05 - 3 mm² Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Housing Material	PA 66
Wire Size Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Centerline (Pitch)	5 mm[.197 in]
Usage Conditions Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Dimensions	
Operating Temperature Range -40 - 110 °C[-40 - 230 °F] Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Wire Size	.05 - 3 mm ²
Operation/Application Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Usage Conditions	
Circuit Application Power & Signal Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]
Identification Marking Marking Color White Packaging Features Packaging Quantity 100	Operation/Application	
Marking Color Packaging Features Packaging Quantity 100	Circuit Application	Power & Signal
Packaging Features Packaging Quantity 100	Identification Marking	
Packaging Quantity 100	Marking Color	White
	Packaging Features	
Packaging Method Box	Packaging Quantity	100
	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 2022 (224) SVHC > Threshold: Pb (2% in Component) 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

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, .197 in [5 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire Size





TE Part # 5747871-2 09 PLUG SP/FMS STD



TE Part # 3-2176231-2 3522 200R 1% 3W

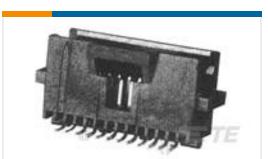


TE Part # 1-1825010-8 ASE42L04=4PDT AUTOSLIDE





TE Part # 1422037-2 V23101D 106A301



TE Part # 5-104549-2 20 SYS50 S/M HDR DRST SHRDSN



TE Part # 9-6318491-6 .5FHP08H,220,S,GIG,08/Sn,HT,NSYes, W/C





TE Part # 4-1419108-0 RTE24005F



TE Part # 2304883-1 CA,ET, 2POS, SHORT PULL-TAB,NO DETECT

Documents

Product Drawings

TERMI-BLOK PCB MOUNT 90 10P.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-796683-0_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-796683-0_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-796683-0_B.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions**of use

Datasheets & Catalog Pages

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, .197 in [5 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire Size



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