



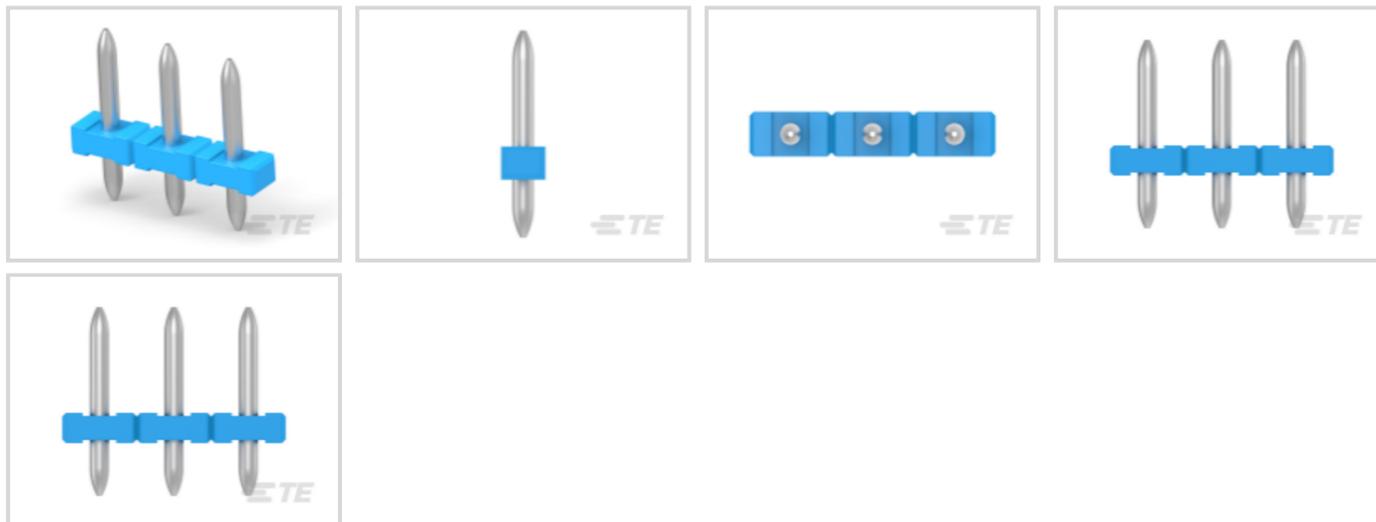
Buchanan

TE Internal #: 1776489-3

3 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 1 Row, 22 – 14 AWG, .3 – 2 mm² Wire, 300 VAC, Printed Circuit Board

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: **3**

Terminal Block Connector Type: **Header**

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

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

Number of Rows: **1**

Features

Product Type Features

Header Type	Unshrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Blue
Product Orientation	Vertical



Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Length	7 mm [.275 in]
Contact Base Material	Brass
Contact Current Rating (Max)	10 A

Termination Features

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

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

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

Dimensions

Wire Size	22 – 14 AWG
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Usage Conditions

Operating Temperature Range	-55 – 105 °C [-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	2000
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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 2025 (247) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
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 # 1776263-5
5P TB Plug, w/interlock, 90deg, 5mm, Blue



TE Part # 282832-3
TERMI-BLOK PIN HEAD 180 3P. 5



TE Part # 1776263-3
3P TB Plug, w/interlock, 90deg, 5mm, Blue

Customers Also Bought



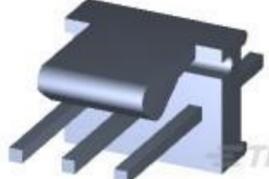
TE Part #2-32960-1
TERMINAL, PG R 16-14 10



TE Part #1-640250-4
14P SL156 HSG W/LCK RAMP NATL



TE Part #1-480704-0
06P UMNL PLUG HSG NATL



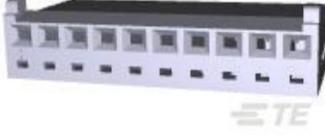
TE Part #640456-3
03P MTA100 HDR ASSY F/L SQ STR



TE Part #5-147278-2
03 MTE HDR SRRA SFMNT .100CL



TE Part #1776489-2
2P TB HDR, unshrouded, 5mm, blue



TE Part #1-1375820-0
CST-100 II HOUSING 10 POS



TE Part #350780-1
04P UMNL CAP HSG



Documents

Product Drawings

[3P TB HDR, unshrouded,5mm, blue](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1776489-3_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1776489-3_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1776489-3_A.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_ORG](#)

English

Product Specifications

[Application Specification](#)

English