



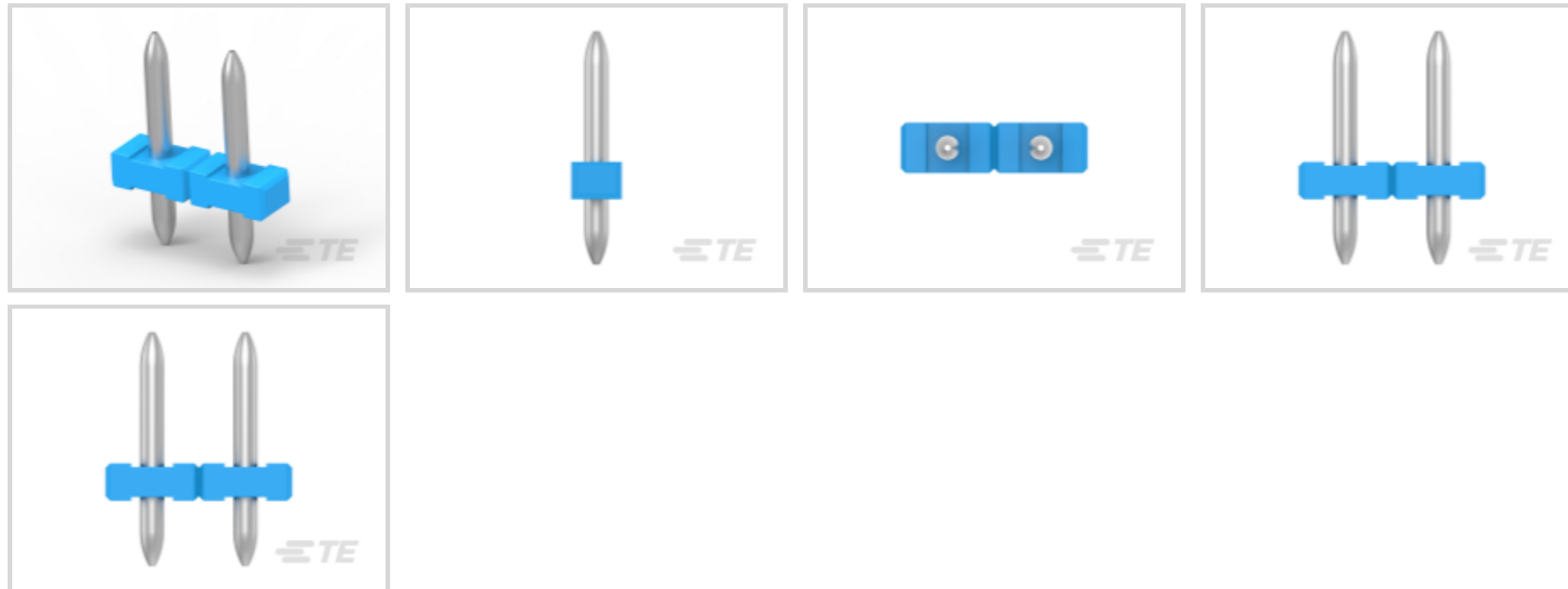
Buchanan

TE Internal #: 1776489-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, 22 – 14 AWG Wire Size, .3 – 2 mm² Wire Size, 10 A, 250 VAC

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **2**

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

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Threaded Flange	Without
Stacked Levels	Without
Closed End	Without
Stacking Configuration	Side Stackable
Number of Positions	2
Number of Rows	1

Electrical Characteristics

Current Rating (Max)	10 A
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Voltage Rating	250 VAC
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Contact Features

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

Mechanical Attachment

Screwless Terminal Block	No
Mounting Angle	Vertical
Screw Flange	Without
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

PCB Tail Length	3.5 mm [.138 in]
Wire Size	.3 – 2 mm ²

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	4000
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Not Compliant
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: JUL 2019
 (201)
 SVHC > Threshold:
 Not Yet Reviewed

Halogen Content Not Yet Reviewed for halogen content

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 # 1776263-2
Term Blk, 90 degree, stacking



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



TE Part # 1776263-5
Term Blk, 90 degree, stacking



TE Part # 1-1776263-1
Term Blk, 90 degree, stacking

Customers Also Bought



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



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



TE Part #1-640456-0
10P MTA100 HDR ASSY F/L SQ STR



TE Part #3-770476-1
SL156 RECPT, SNNI/PHBZ



Documents

Product Drawings

Unshrouded Header, 5.0mm, HT, Blue

English

CAD Files

3D PDF

3D

Customer View Model

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

English

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_1776489-2_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_QRG](#)

English

Product Specifications

[Application Specification](#)

English

1776489-2

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