

Buchanan

TE Internal #: 2-1986712-2

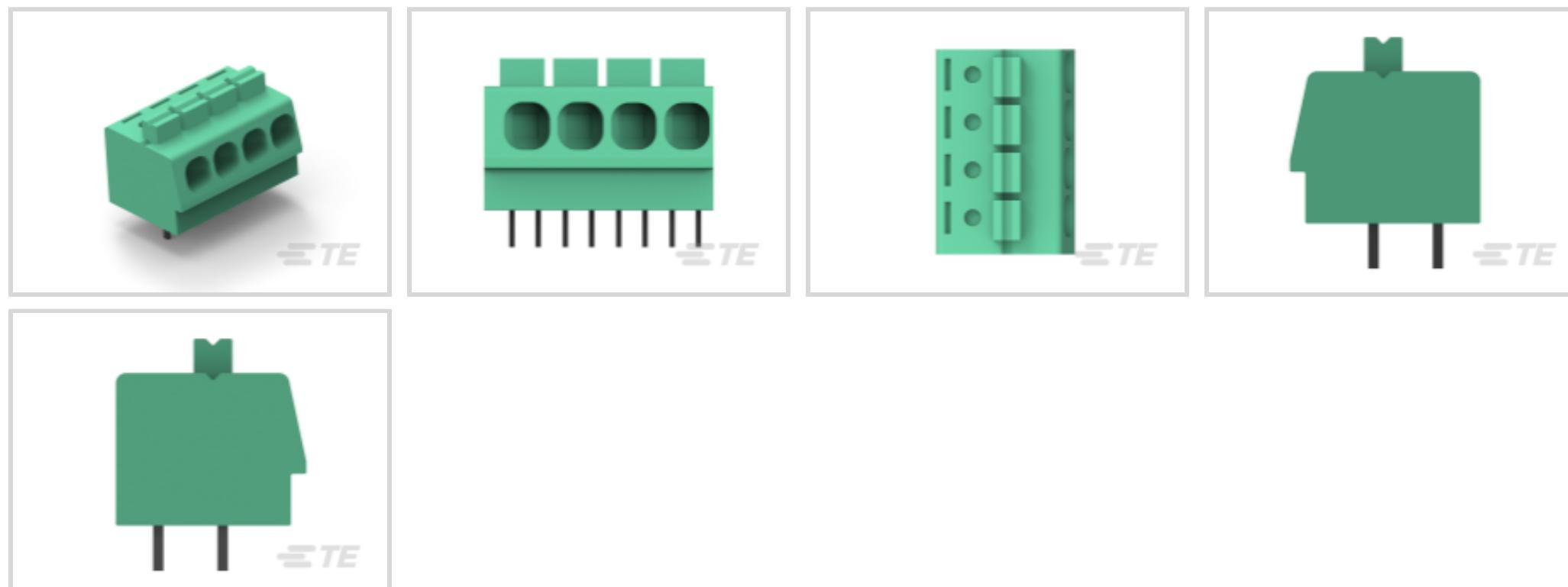
PCB Terminal Blocks, Header, Wire-to-Board, 22 Position, .2 in [5.08

mm] Centerline, 2 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire

Size

[View on TE.com >](#)

Connectors &gt; Terminal Blocks &amp; Strips &gt; PCB Terminal Blocks

Terminal Block Connector Type: **Header**Connector System: **Wire-to-Board**Number of Positions: **22**Centerline (Pitch): **5.08 mm [ .2 in ]**Number of Rows: **2**

## 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

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	22
Number of Rows	2
Wire Entry Angle	90°

### Electrical Characteristics

Operating Voltage	300 VAC
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### Body Features

Lever Color	White
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Primary Product Color	Green
Product Orientation	Vertical

#### Contact Features

Contact Mating Area Length	3.5 mm[.138 in]
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 A

#### Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Push-in, Spring Terminal

#### Mechanical Attachment

Connector Mounting Type	Board Mount
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#### Housing Features

Housing Material	PA 66
Centerline (Pitch)	5.08 mm[.2 in]

#### Dimensions

Wire Size	.05 - 3 mm <sup>2</sup>
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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	25
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#### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)

Candidate List Declared Against: JAN 2024  
(240)

Does not contain REACH SVHC

Halogen Content

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

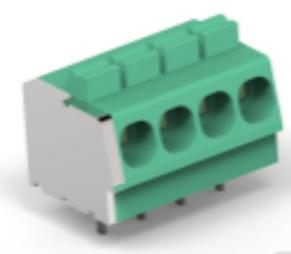
Solder Process Capability

Wave solder capable to 265°C

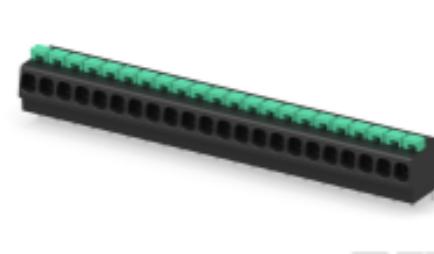
#### Product Compliance Disclaimer

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 # 2-1986711-2  
SCREWLESS, SW,22P,5.0 PCB



TE Part # 2-1986816-2  
22P TB,PCB MNT,SPRNG, HIGH TEMP,  
5.08MM

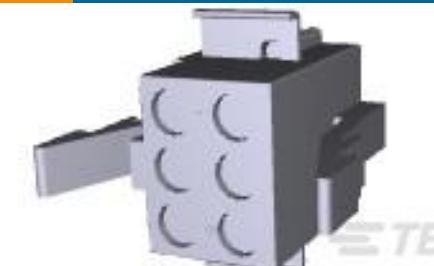
## Customers Also Bought



TE Part # 201568-1  
CONTACT SOCKET ASSY.



TE Part # 1-1625999-4  
Power Resistors: Aluminium Housed,  
HSC



TE Part # 1-480273-0  
06P CMNL PLUG HSG P/M NATL



TE Part # 2176518-1  
CJH 4000W 18R 5% Lead



## Documents

### Product Drawings

#### SCREWLESS, SW,22P,5.08 PCB

English

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### CAD Files

#### 3D PDF

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1986712-2\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1986712-2\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-1986712-2\\_B.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

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### Agency Approvals

#### VDE Certificate

English