

1986775-3 ✓ ACTIVE

Buchanan

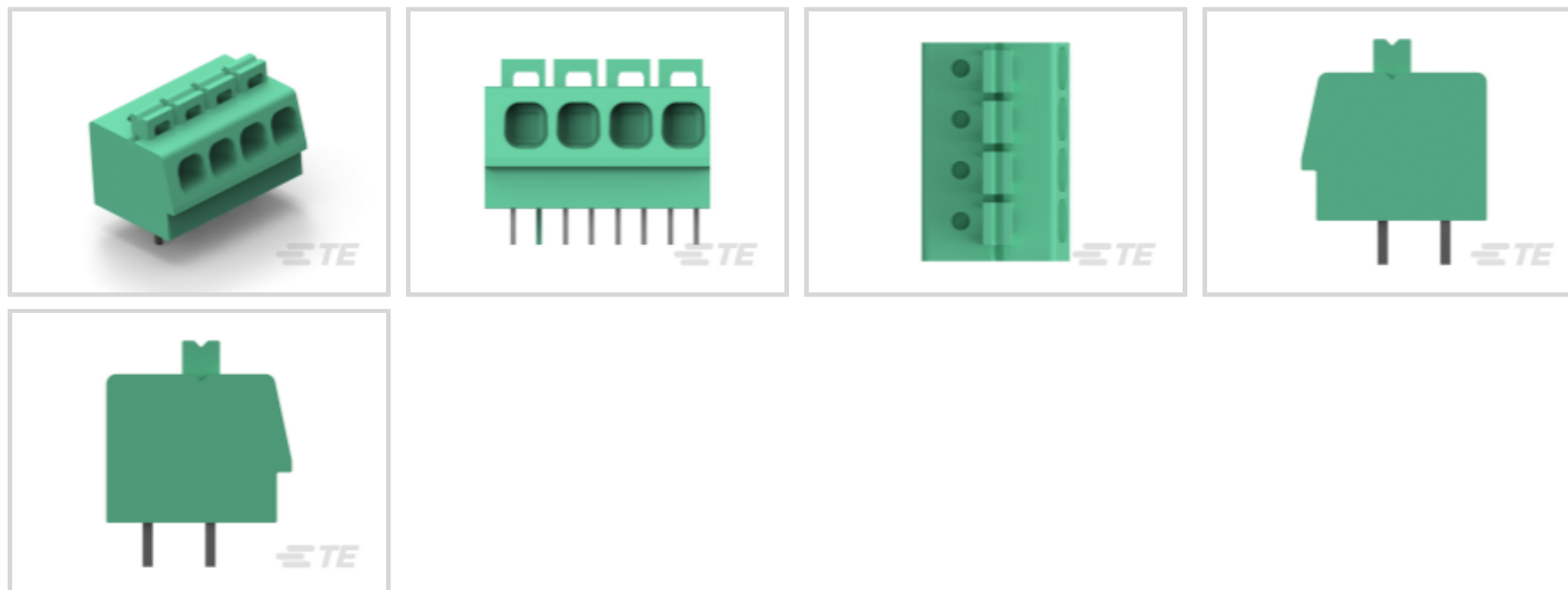
TE Internal #: 1986775-3

Header, Wire-to-Component, 3 Position, 5.08 mm [.2 in] Centerline,  
2 Row, 90° Wire Entry Angle, 20 – 1 AWG Wire Size, PCB Terminal  
Blocks

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Terminal Block Connector Type: **Header**

Connector System: **Wire-to-Component**

Number of Positions: **3**

## Features

### Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

### Product Type Features

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

### Configuration Features

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	3
Number of Rows	2
Wire Entry Angle	90°

### Electrical Characteristics



Operating Voltage	300 VAC
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### Body Features

Primary Product Color	Green
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Product Orientation	Vertical
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### Contact Features

Contact Mating Area Plating Material	Tin
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Contact Base Material	Copper Alloy
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Contact Current Rating (Max)	15 A
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### Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Method to Wire & Cable	Spring Terminal, Push-in
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Termination Post & Tail Length	3.5 mm[.138 in]
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### Mechanical Attachment

Connector Mounting Type	Board Mount
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### Housing Features

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

Wire Size	20 – 1 AWG
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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 Method	Package
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Packaging Quantity	200
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### Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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	Not reviewed for solder process capability

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 # 1986712-3  
SCREWLESS, SW,3P,5.08 PCB



TE Part # 1986816-3  
PCB SPRNG SIDE ENTRY HITEMP TB 5.08MM 3P

### Customers Also Bought



TE Part #281698-5  
HEADER HE14 RA 5 P



TE Part #338069-6  
MICRO-MATCH SMD FTE



TE Part #2-644486-8  
08P MTA100 SHRDED HDR ASSY SN



TE Part #5536053-5  
ASSY,PIN,EUROCARD,TYPE B/2,LEA



TE Part #5227754-3  
BNC SOLDER RECEIPT JACK



TE Part #CONSMA001-C-G  
SMA Jack 50 Ohm PCB Through Hole



TE Part #114712-E  
MICROS STV 12 407 188 \* 0007 J 3  
114712



TE Part #2301996-7  
RJ45 JACK INT.MAG. 1GB LED 1X2  
INV.



TE Part #234199-E  
SMCB 50 F AB VV 7-23 CL \* H007 137  
E002



TE Part #1-2176238-1  
CPF A 0805 33R 0.1% 25PPM 5K RL

## Documents

### Product Drawings

[SCREWLESS, SW,3P,5.08 PCB, Low Amp](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1986775-3\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986775-3\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986775-3\\_B.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

### Agency Approvals

[UL](#)

English