



**Buchanan**

TE Internal #: 1986717-4

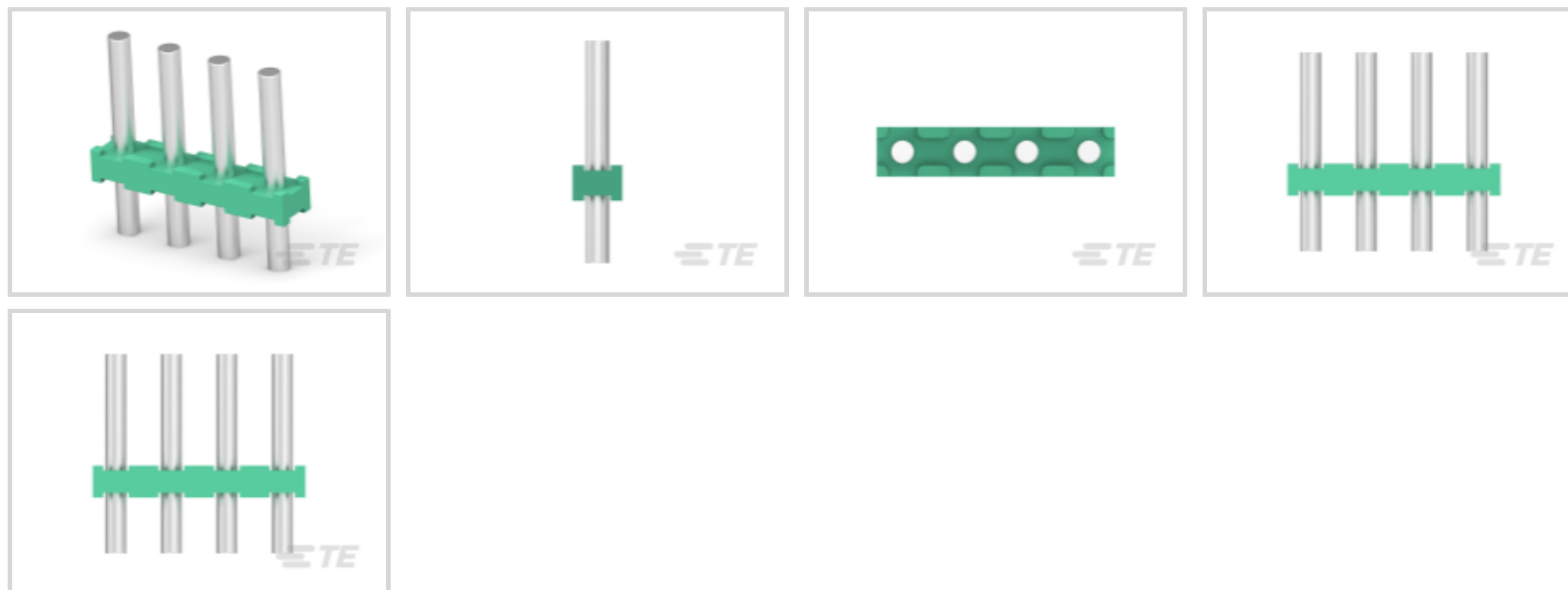
PCB Terminal Blocks, Header, Wire-to-Component, 4 Position, .138

in [3.5 mm] Centerline, 1 Row, 24 – 16 AWG Wire Size, .5 – 1.5 mm<sup>2</sup>

Wire Size, 2 A

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **4**

Centerline (Pitch): **3.5 mm [ .138 in ]**

Number of Rows: **1**

**Features**

**Product Type Features**

Block Type	Pin Header
Header Type	Unshrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Component
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

**Configuration Features**

Threaded Flange	Without
Number of Positions	4
Number of Rows	1

**Electrical Characteristics**

Current Rating (Max)	2 A
Voltage Rating	150 VAC

**Body Features**



Interlock	Without
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### Contact Features

Contact Mating Area Plating Material	Tin over Copper Alloy
Contact Mount	Through Hole
Contact Mating Area Plating Thickness	1 – 3 μm
Pin Length	7 mm [.275 in]
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	2 A

### Mechanical Attachment

Screwless Terminal Block	Yes
Mounting Angle	Vertical
Screw Flange	Without
Connector Mounting Type	Board Mount

### Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	3.5 mm [.138 in]

### Dimensions

PCB Tail Length	3.5 mm [.138 in]
Wire Size	.5 – 1.5 mm <sup>2</sup>

### Usage Conditions

Operating Temperature Range	-40 – 110 °C [-40 – 230 °F]
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### Operation/Application

Circuit Application	Signal
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### Packaging Features

Packaging Method	Box
Packaging Quantity	150

### Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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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: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
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 # 1986716-4  
Flush Mt Plug Spring Conn 4P 3.5mm

TE Part # 1986718-4  
HEADER, 4P, 3.5 PCB 16.5 H WB

TE Part # 1986877-4  
TERMI-BLOK PLUG 3 DIR 3.5MM  
MODULAR 4 P

TE Part # 1986878-4  
TERMI-BLOK PLUG 2 DIR 3.5MM  
MODULAR 4 P

TE Part # 1986880-4  
4P MODULAR, 2 WAY, SIDE STCK, 3.5  
MM

### Customers Also Bought



TE Part #2-84533-0  
1.25MM FFC POST PLATED H 20P



TE Part #5745784-6  
37 MSFL RCPT RA 318 (SL,FM)



TE Part #T1510063000-000  
H6B-AD



TE Part #2110487-1  
QSFP Cage, Solder Leg, No HS  
Opening



TE Part #2314979-1  
HARD WARE KITS WITH HS&LP, CFP2  
1X1



TE Part #178877-1  
SCREWLOCK WITH SPRING WASHER



TE Part #6274314-1  
BNC JACK VERTICAL SWITCHING,  
PCB

## Documents

### Product Drawings

[HEADER, 4P, 3.5mm 12.5 H](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1986717-4\\_A\\_c-1986717-4-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986717-4\\_A\\_c-1986717-4-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1986717-4\\_A\\_c-1986717-4-a.3d\\_stp.zip](#)

English

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

### Datasheets & Catalog Pages

[5-1773463-2\\_Flush Mount Spring Type Plug](#)

English