

1986716-6 ✓ ACTIVE

Buchanan

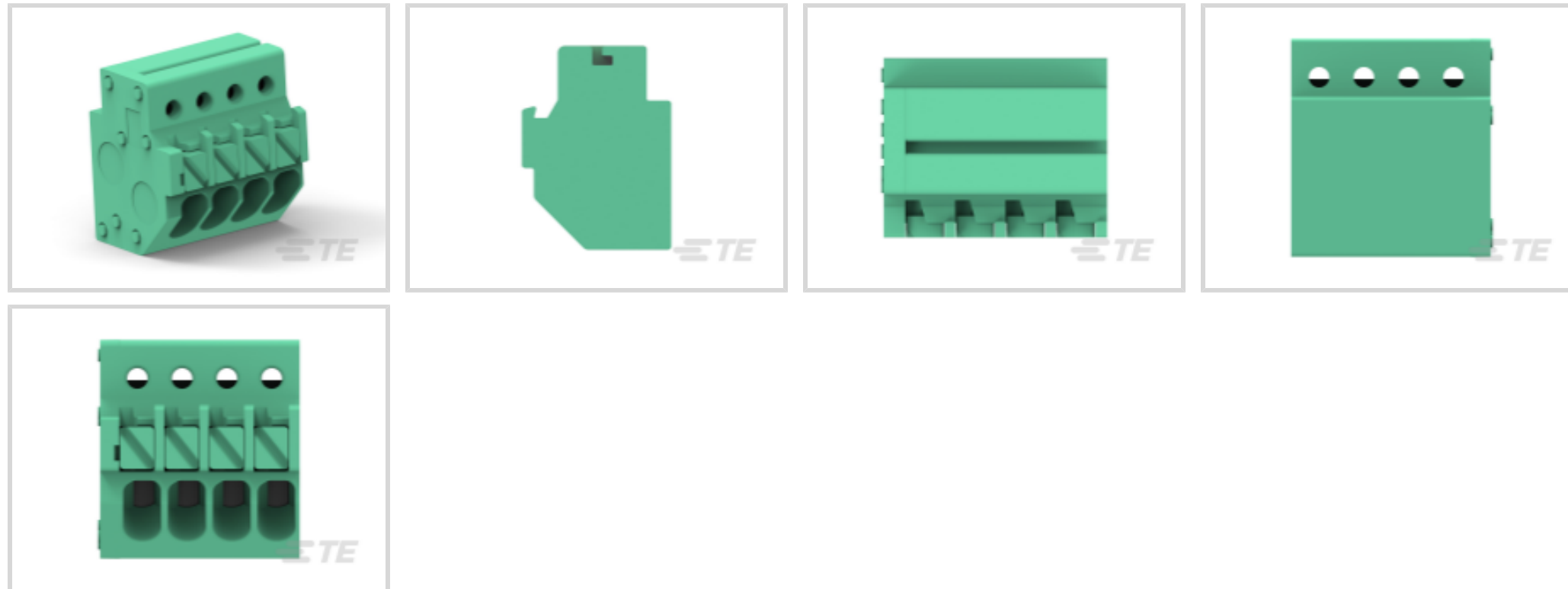
TE Internal #: 1986716-6

PCB Terminal Blocks, Plug, Wire-to-Board, 6 Position, .138 in [3.5 mm] Centerline, 1 Row, Top Wire Entry Angle, 20 – 16 AWG Wire Size

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

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

Number of Positions: **6**

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

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Block Type	Spring Terminal Block
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board

Configuration Features

Threaded Flange	Without
Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	1
Wire Entry Angle	Top

Electrical Characteristics

Current Rating (Max)	2 A
Voltage Rating	150 VAC

Body Features



Interlock	Without
Color	Green
Lever Color	Orange

Contact Features

Contact Mating Area Plating Material	Tin
Contact Underplating Material	Nickel
Contact Base Material	Stainless Steel
Contact Current Rating (Max)	2 A

Mechanical Attachment

Screwless Terminal Block	Yes
Mounting Angle	Vertical
Screw Flange	Without

Housing Features

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

Dimensions

Wire Size	.5 – 1.5 mm ²
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Operation/Application

Circuit Application	Signal
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Packaging Features

Packaging Quantity	100
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Product Compliance

[For compliance documentation, visit the product page on 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: JUNE 2022 (224)



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
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Solder Process Capability	Wave solder capable to 265°C
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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



Documents

Product Drawings

[Flush Mt Plug Spring Conn 6P 3.50mm](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1986716-6_A_c-1986716-6-a.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1986716-6_A_c-1986716-6-a.3d_igs.zip](#)

English

Customer View Model

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[ENG_CVM_CVM_1986716-6_A_c-1986716-6-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