



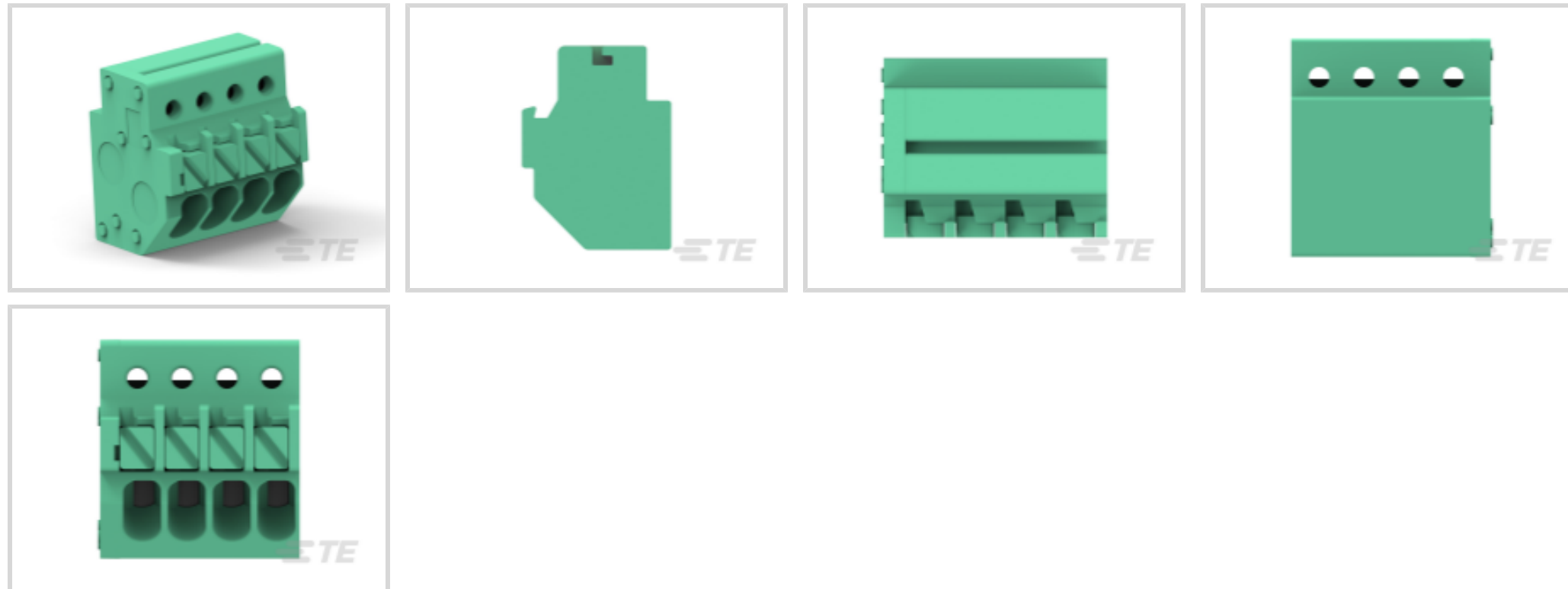
Buchanan

TE Internal #: 1986716-2

PCB Terminal Blocks, Plug, Wire-to-Board, 2 Position, .138 in [3.5 mm] Centerline, 1 Row, Top Wire Entry Angle, 20 – 16 AWG Wire Size

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

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

Number of Positions: **2**

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 | 2 |
| 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 |
|-----------|--------------------------|

Usage Conditions

| | |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Packaging Features

| | |
|--------------------|-----|
| Packaging Quantity | 300 |
|--------------------|-----|

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 |
|-----------------|---|

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



Documents

Product Drawings

[Flush Mt Plug Spring Conn 2P 3.50mm](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_1986716-2_A_c-1986716-2-a.3d_igs.zip](#)

English

Customer View Model

1986716-2

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[ENG_CVM_CVM_1986716-2_A_c-1986716-2-a.3d_stp.zip](#)

English

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

[Datasheets & Catalog Pages](#)

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

English