



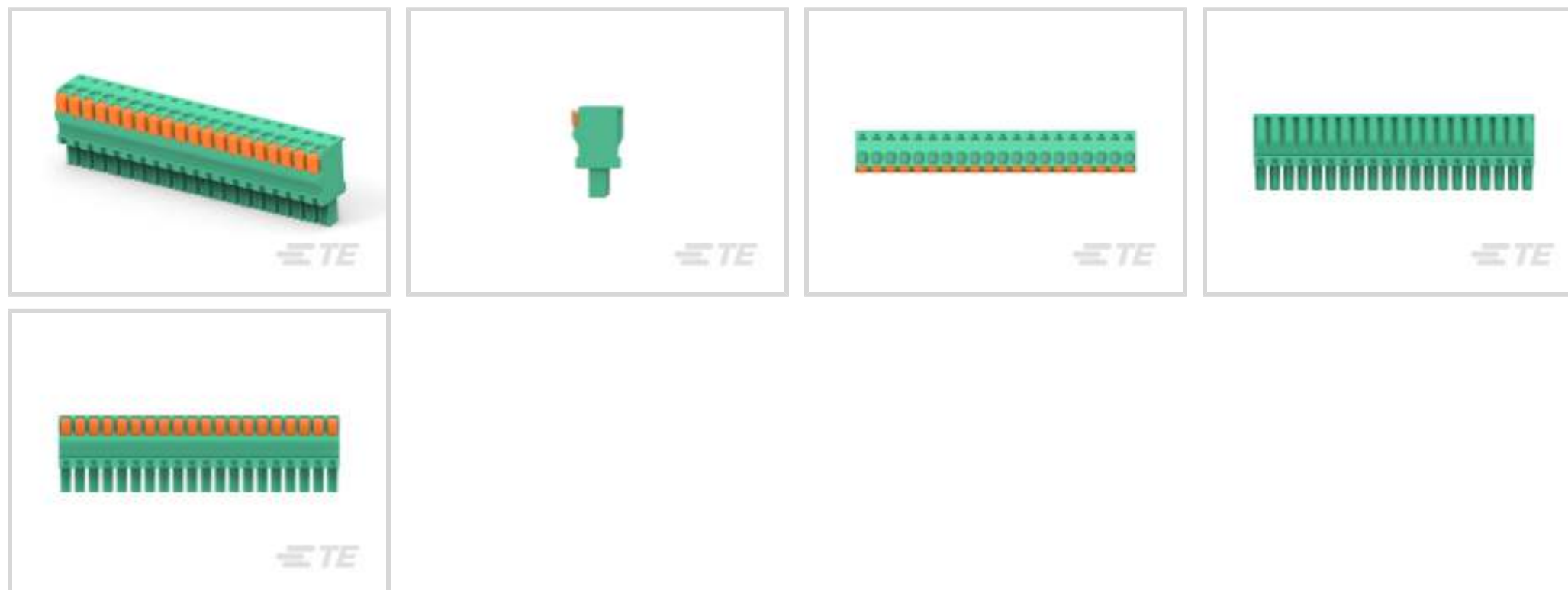
Buchanan

TE Internal #: 2-1986722-0

PCB Terminal Blocks, Plug, Wire-to-Board, 20 Position, .15 in [3.81 mm] Centerline, 1 Row, 180° Wire Entry Angle, 30 – 14 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: **20**

Centerline (Pitch): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|------------------------|----------------|
| Wire Entry Location | Top |
| Stacking Configuration | Side Stackable |
| Number of Positions | 20 |
| Number of Rows | 1 |
| Wire Entry Angle | 180° |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|--------|
| Lever Color | Orange |
| Primary Product Color | Green |



| | |
|---------------------|----------|
| Product Orientation | Vertical |
|---------------------|----------|

Contact Features

| | |
|--------------------------------------|--------------|
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Copper Alloy |
| Contact Current Rating (Max) | 11 A |

Termination Features

| | |
|------------------------------------|--------------------------|
| Termination Method to Wire & Cable | Push-in, Spring Terminal |
|------------------------------------|--------------------------|

Housing Features

| | |
|--------------------|------------------|
| Housing Material | PA 66 |
| Centerline (Pitch) | 3.81 mm [.15 in] |

Dimensions

| | |
|-----------|-------------------------|
| Wire Size | .05 – 2 mm ² |
|-----------|-------------------------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 – 65 °C [-40 – 149 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
|---------------------|----------------|

Packaging Features

| | |
|--------------------|----|
| Packaging Quantity | 50 |
|--------------------|----|

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 | Not Yet Reviewed |
| 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 2023 (235) Candidate List Declared Against: JUN 2018 (191) 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 # 1-284517-0
10P TERMIBLOK HDR DIR POL




TE Part # 2-2342077-0
20POS HDR 90 DEG,HT,3.81MM PITCH,TL1.9MM



TE Part # 2-2342078-0
20POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM

Customers Also Bought



TE Part #3-5179275-8
CHAMP 050-I PLUG H ASSY 68P



TE Part #2-178216-2
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #2-2013519-0
DYNAMIC D3900 H-HDR ASSY 10P Y TYPE-A



TE Part #1-2229803-2
D3950 HDR 7/11POS 1ROW Y KEY



TE Part #3-2134249-3
D3900S 7.5MM PITCH REC ASSY 3P BLACK Z



TE Part #3-5175475-5
CHAMP 050 B/B REC V W/LEG 40P



TE Part #3-5175475-7
CHAMP 050 B/B REC V W/LEG 60P



TE Part #2837892-2
OCEAN-2.0-APPLICATOR-S-046F053F



Documents

Product Drawings

[STR PLUG SPRING TYPE LH 20P, 3.81mm](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-1986722-0_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1986722-0_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1986722-0_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[2-1773464-1_Spring_Type_Straight_Plugs](#)

English

Agency Approvals

[UL](#)

English