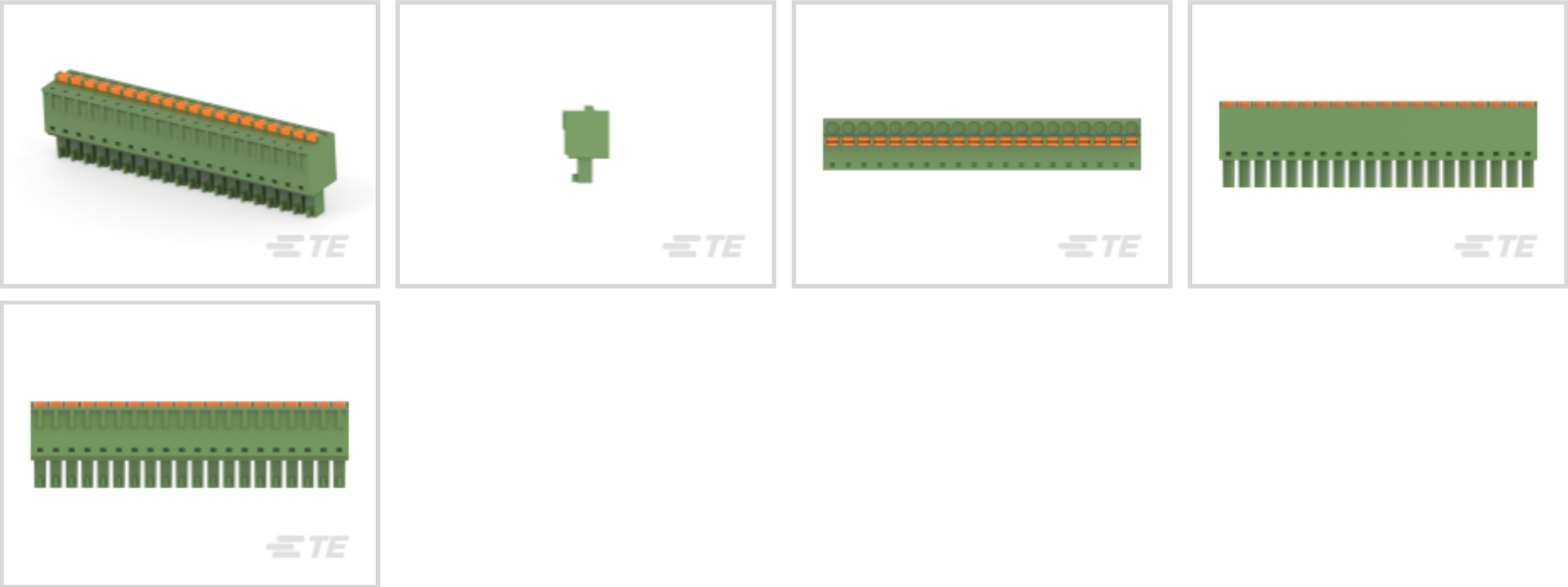




TE Internal #: 2-2385004-0
PCB Terminal Blocks, Plug, Wire-to-Board, 20 Position, .15 in [3.81 mm] Centerline, 1 Row, Top Wire Entry Angle, 16 – 28 AWG Wire Size
[View on TE.com >](#)

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

Block Type	Spring Terminal Block
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Stacking Configuration	End to End
Number of Positions	20
Number of Rows	1
Wire Entry Angle	Top

Electrical Characteristics

Current Rating (Max)	8 A
Voltage Rating	300 VAC

Body Features

Color	Green
-------	-------



Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	8 A

Termination Features

Termination Method to Wire & Cable	Push-in
------------------------------------	---------

Mechanical Attachment

Screwless Terminal Block	Yes
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Color	Green
Housing Material	PA 66
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

Wire Size	.08 – 1.3 mm²
-----------	---------------

Usage Conditions

Operating Temperature Range	-40 – 105 °C[0 – 221 °F]
-----------------------------	--------------------------

Operation/Application

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

Packaging Features

Packaging Method	Box
------------------	-----

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 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	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 # 2-2385005-0
20P TB HDR 90 DEG,PITCH 3.81 &TL 3.5mm



TE Part # 2-2385006-0
20P TB HDR 180 DEG,PITCH 3.81 &TL 3.4mm

Documents

Product Drawings
20 POS SPRING TB PLUG, PITCH 3.81
English

CAD Files
3D PDF
3D
Customer View Model
ENG_CVM_CVM_2-2385004-0_1.2d_dxf.zip
English
Customer View Model
ENG_CVM_CVM_2-2385004-0_1.3d_igs.zip
English
Customer View Model
ENG_CVM_CVM_2-2385004-0_1.3d_stp.zip
English

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

Datasheets & Catalog Pages



Datasheet - Buchanan Push-In-Pcb-Connectors

English

Product Specifications

Application Specification

English