



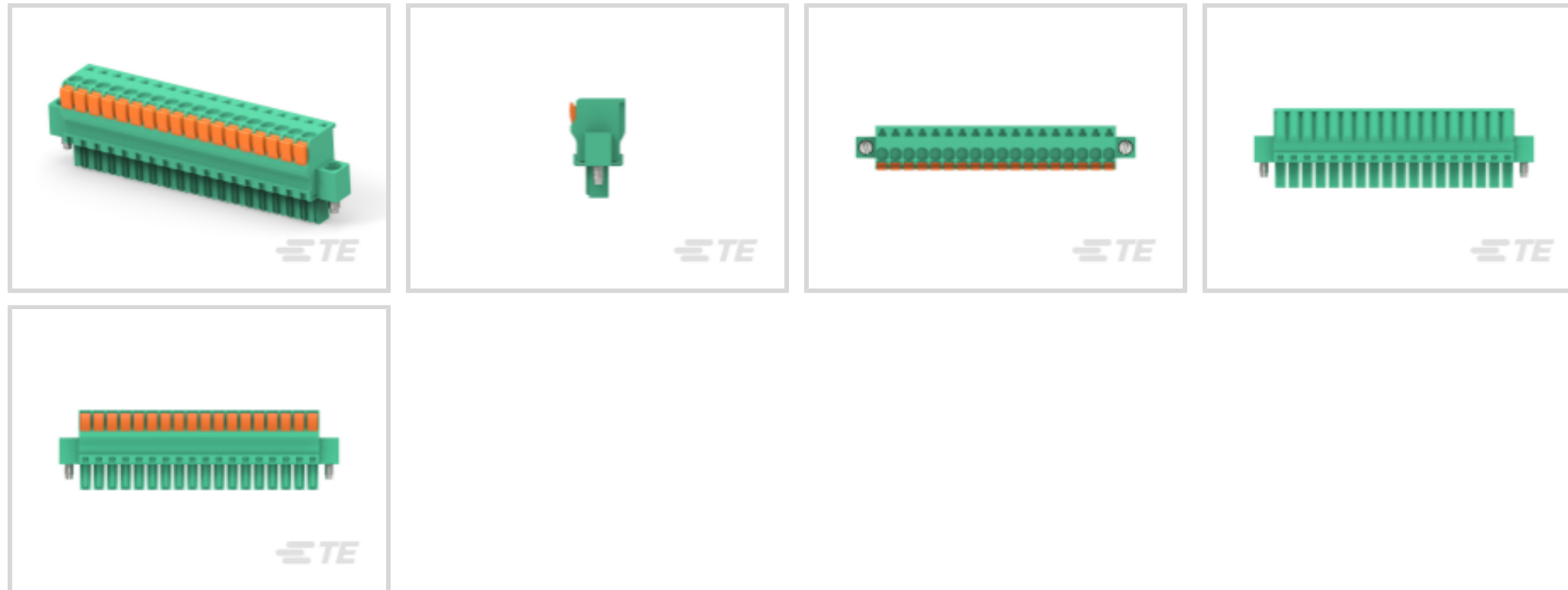
**Buchanan**

TE Internal #: 1-1986723-8

PCB Terminal Blocks, Plug, Wire-to-Board, 18 Position, .138 in [3.5 mm] Centerline, 1 Row, Top 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: **18**

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
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Threaded Flange	With
Number of Positions	18
Number of Rows	1
Wire Entry Angle	Top

**Electrical Characteristics**

Current Rating (Max)	9 A, 11 A
Voltage Rating	300 VAC

**Body Features**



Lever Color	Orange
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### Contact Features

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

### Mechanical Attachment

Mounting Angle	Vertical
Mating Angle	90° (Bottom)/ 270° (Top)
Screwless Terminal Block	Yes
Screw Flange	With

### Housing Features

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

### Dimensions

Wire Size	.05 – 2 mm <sup>2</sup>
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### Usage Conditions

Operating Temperature Range	-40 – 65 °C [-40 – 149 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	50
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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	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: 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



## Documents

## Product Drawings

STR PLUG SPRING TYPE RH 18P, 3.50mm

English

## CAD Files

3D PDF

3D

## Customer View Model

ENG\_CVM\_CVM\_1-1986723-8\_A.2d\_dxf.zip

English

## Customer View Model

ENG\_CVM\_CVM\_1-1986723-8\_A.3d\_igs.zip

English

## Customer View Model

ENG\_CVM\_CVM\_1-1986723-8\_A.3d\_stp.zip

English

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

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[Datasheets & Catalog Pages](#)

[2-1773464-1\\_Spring\\_Type\\_Straight\\_Plugs](#)

English