



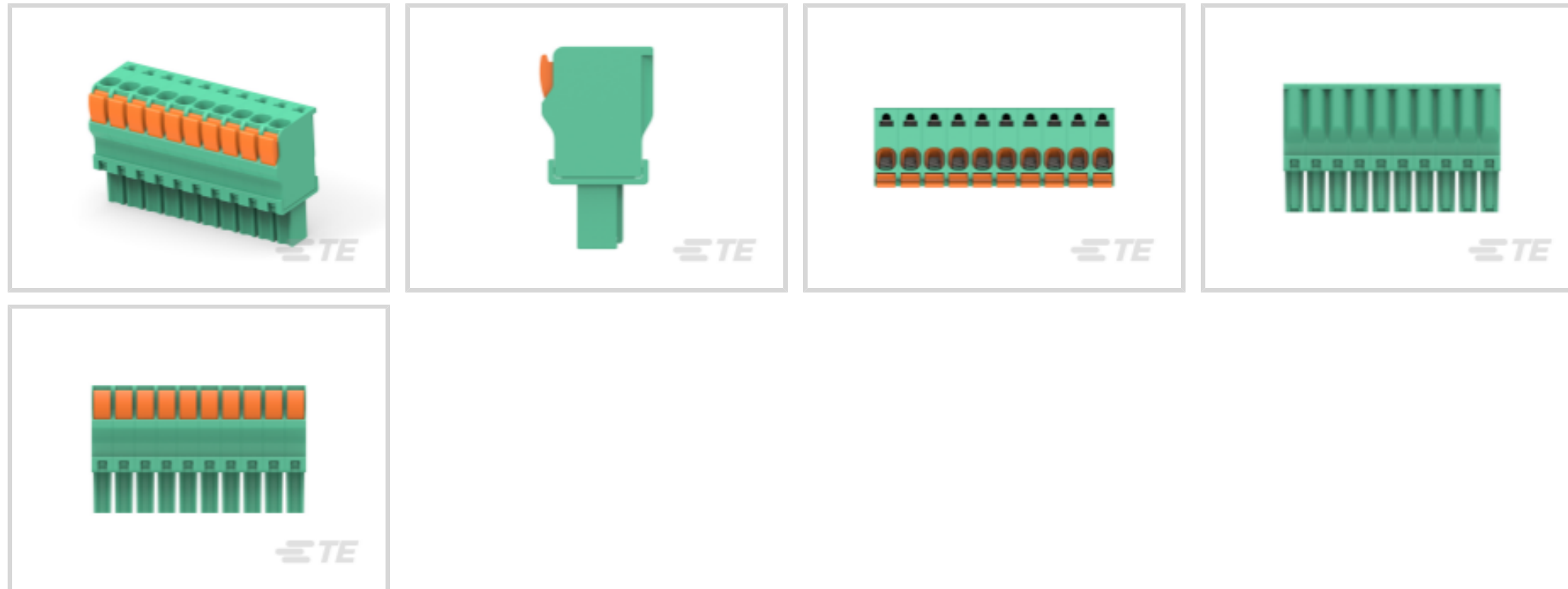
**Buchanan**

TE Internal #: 1-1986693-0

PCB Terminal Blocks, Plug, Wire-to-Board, 10 Position, .138 in [3.5 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: **10**

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

Number of Rows: **1**

**Features**

**Product Type Features**

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

**Configuration Features**

Wire Entry Location	Top
Stacking Configuration	Side Stackable
Number of Positions	10
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)	3.5 mm [.138 in]
--------------------	------------------

### Dimensions

Wire Size	.05 – 2 mm <sup>2</sup>
-----------	-------------------------

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

Packaging Quantity	100
--------------------	-----

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

### Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 2023 (235) Candidate List Declared Against: JAN 2023 (233) 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 # 1-284512-0  
10 POS TERMI-BLOK HDR 900 POLA



TE Part # 1-2342071-0  
10POS HDR ST,HT, 3.5MM PITCH, TL 1.9MM



TE Part # 1-2342076-0  
10POS HDR 90 DEG,HT,3.5MM PITCH, TL1.9MM

Customers Also Bought



TE Part #T4171010504-001  
M12,REAR MOUNTING,MALE,D,4P,0.2 M WIRE



TE Part #749806-8  
KIT, HDP-20,RCPT,SIZE 2, 15 PO



TE Part #1630186-1  
HSA50 R62 5%



TE Part #3-640431-2  
02P MTA156 CONN ASSY 18AWG ORA



TE Part #3-641217-2  
02P MTA156 CONN ASSY 18AWG ORA



TE Part #3-1393247-9  
W31-X2M1G-35=W23/W31



TE Part #4-1393254-8  
W91-X152-40=M6/M7/M9/W6/W7



TE Part #1SNK705069R0000  
ZK2.5-3P-RD



TE Part #1SNK705073R0000  
ZK2.5-3P-BK



TE Part #1SNK905302R0000  
JB5-2

## Documents

### Product Drawings

[STR PLUG SPRING TYPE LH 10P, 3.50mm](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986693-0\\_A\\_c-1-1986693-0-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986693-0\\_A\\_c-1-1986693-0-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986693-0\\_A\\_c-1-1986693-0-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