



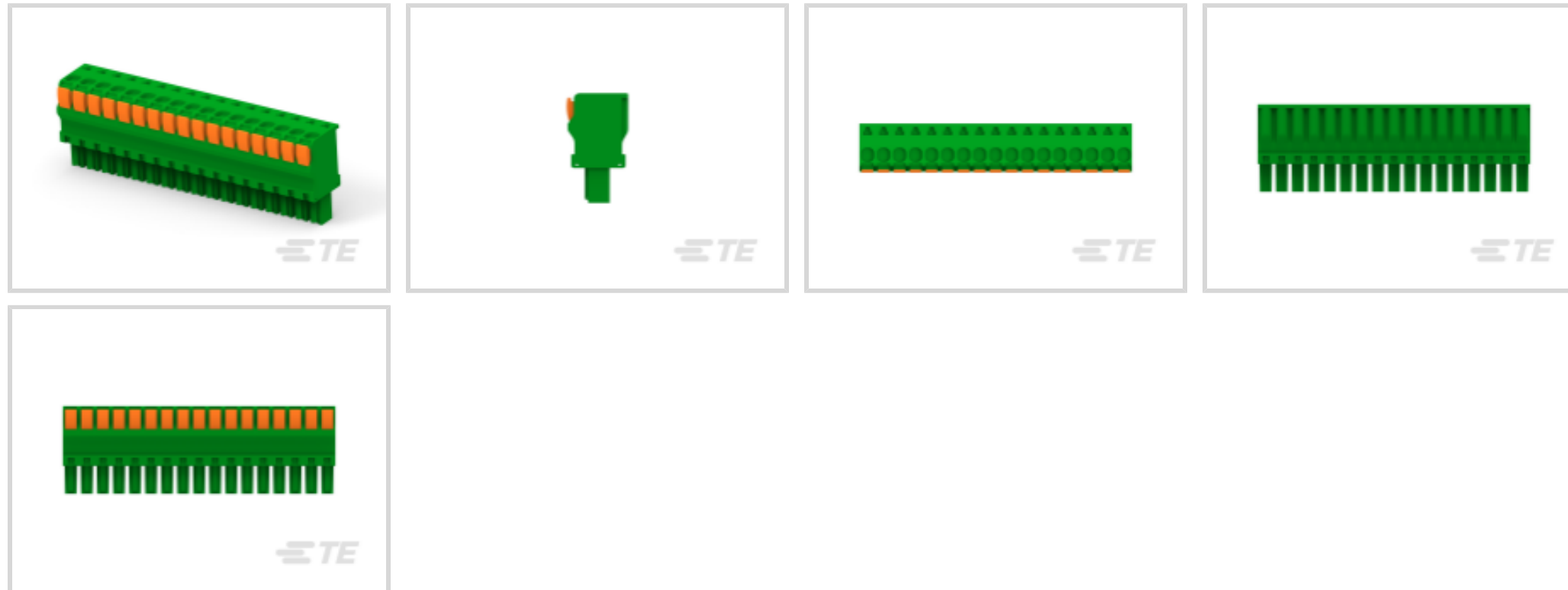
**Buchanan**

TE Internal #: 1-1986720-7

PCB Terminal Blocks, Plug, Wire-to-Board, 17 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: **17**

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
Connector & Contact Terminates To	Wire & Cable

**Configuration Features**

Wire Entry Location	Top
Stacking Configuration	Side Stackable
Number of Positions	17
Number of Rows	1
Wire Entry Angle	180°

**Electrical Characteristics**

Operating Voltage	300 VAC
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**Body Features**

Lever Color	Orange
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Primary Product Color	Green
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Product Orientation	Vertical
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### Contact Features

Contact Mating Area Plating Material	Tin
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Contact Base Material	Phosphor Bronze
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Contact Current Rating (Max)	11 A
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### Termination Features

Termination Method to Wire & Cable	Push-in, Spring Terminal
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### Housing Features

Housing Material	PA 66
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Centerline (Pitch)	3.81 mm [.15 in]
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### 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
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EU ELV Directive 2000/53/EC	Not Yet Reviewed
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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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
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Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 265°C
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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 # 1-2342077-7  
17POS HDR 90 DEG,HT,3.81MM PITCH,TL1.9MM




TE Part # 1-2342078-7  
17POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM



TE Part # 1-1986692-7  
STR PLUG SPRING TYPE RH 17P, 3.50 mm

### Customers Also Bought



TE Part #4-1609157-9  
15EJT8F=F8145C



TE Part #7-1625963-5  
HSA5 10K 5%



TE Part #1546657-4  
4P PCV DUAL BARRIER,0.250



TE Part #1825095-2  
TP11CGPC204



TE Part #2103172-8  
Plug Assembly, 200A, MSD



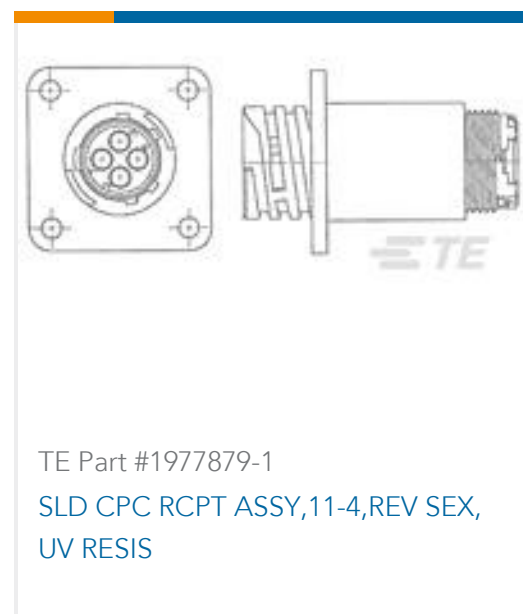
TE Part #323199-1  
DG 22-16COM 22-18MIL HR AU R 6



TE Part #5-104178-1  
04 SYS 50 HDR SRST UNSHRD SN



TE Part #EG1596-000  
CBMS-20-P



## Documents

### Product Drawings

[STR PLUG SPRING TYPE RH 17P, 3.81mm](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986720-7\\_A\\_c-1-1986720-7-a.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986720-7\\_A\\_c-1-1986720-7-a.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-1986720-7\\_A\\_c-1-1986720-7-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