



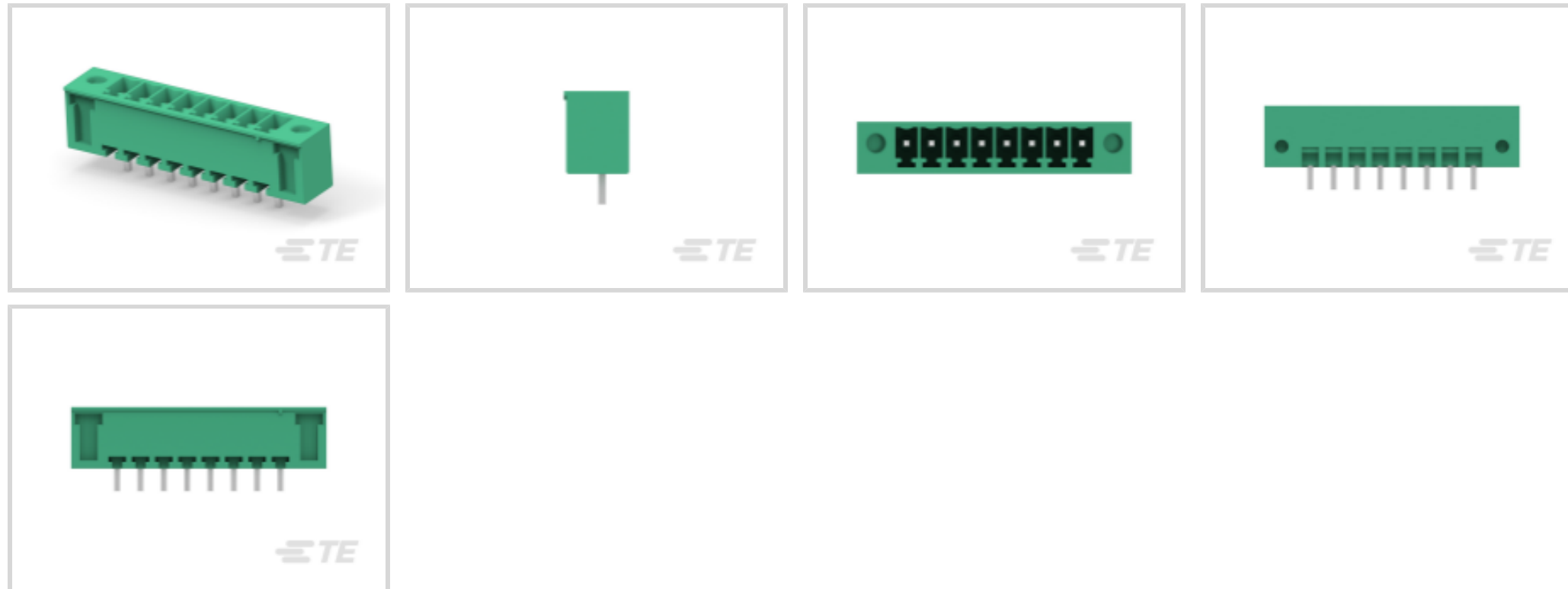
**Buchanan**

TE Internal #: 284516-8

Header, Wire-to-Board, 8 Position, 3.5 mm [.138 in] Centerline, 1 Row, 30 – 14 AWG Wire Size, .05 – 2 mm<sup>2</sup> Wire Size, PCB Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Compliant**

Terminal Block Connector Type: **Header**

Connector System: **Wire-to-Board**

Number of Positions: **8**

**Features**

**Other**

EU RoHS Compliance	Compliant with Exemptions
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EU ELV Compliance	Compliant
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**Product Type Features**

Header Type	Fully Shrouded
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Terminal Block Connector Type	Header
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Connector System	Wire-to-Board
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Connector & Contact Terminates To	Printed Circuit Board
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**Configuration Features**

Number of Positions	8
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Number of Rows	1
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**Electrical Characteristics**

Operating Voltage	200 VAC
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**Body Features**

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Primary Product Color	Green
Product Orientation	Vertical

### Contact Features

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

### Termination Features

Termination Method to PCB	Through Hole - Solder
Termination Post & Tail Length	3.4 mm [.134 in]

### Mechanical Attachment

Mounting Retention Type	Thread
Connector Mounting Type	Board Mount

### Housing Features

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

### Dimensions

Wire Size	30 – 14 AWG
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### Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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### Operation/Application

Circuit Application	Power & Signal
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### Packaging Features

Packaging Quantity	100
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### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241)



SVHC > Threshold:

Pb (.37% in Component Part)

**Article Safe Usage Statements:**

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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 240°C

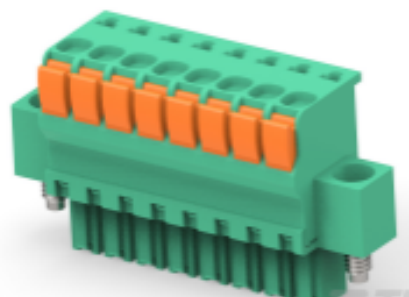
**Product Compliance Disclaimer**

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



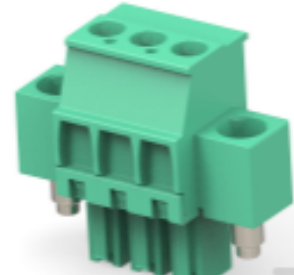
TE Part # 284510-8  
 8P TERMI-BLOK PLUG CON VITI



TE Part # 1986723-8  
 STR PLUG SPRING TYPE RH 8P, 3.50 mm



TE Part # 1-1986723-6  
 STR PLUG SPRING TYPE RH 16P, 3.50 mm



TE Part # 1986821-8  
 8P TB,7.62MM,F,VER,LOCK SRW FLG

### Customers Also Bought



TE Part #5749069-9  
 100 50SR VERT RCPT ASSY



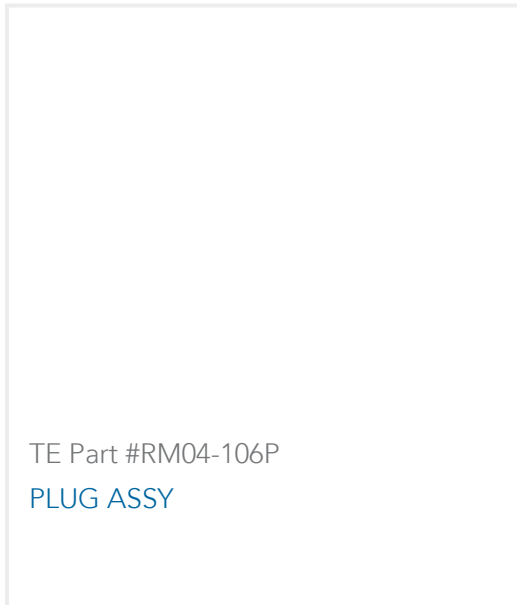
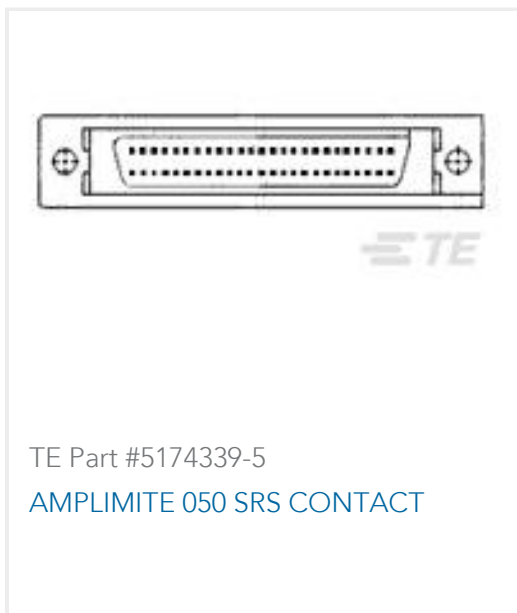
TE Part #52929  
 PIDG SP SPD 22-16COMM22-18MIL6



TE Part #1-66569-0  
 20 DF SOCKET CONT,SMALL PACK



TE Part #1658686-2  
 SOCKET CONT, 22-28 AWG, DF 22, AMPLIMITE



## Documents

### Product Drawings

#### 8P TERMIBLOK HDR DIR C VITI

English

### CAD Files

#### 3D PDF

3D

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-8\\_A.2d\\_dxf.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-8\\_A.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_CVM\\_284516-8\\_A.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-8\\_B.3d\\_igs.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-8\\_B.3d\\_stp.zip](#)

English

#### Customer View Model

[ENG\\_CVM\\_284516-8\\_B.2d\\_dxf.zip](#)

English

#### 3D PDF

English



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

### Datasheets & Catalog Pages

[Eurostyle Terminal Blocks Focus Product Stock List](#)

English

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_ORG](#)

English

### Product Specifications

[Application Specification](#)

English

### Agency Approvals

[UL](#)

English