



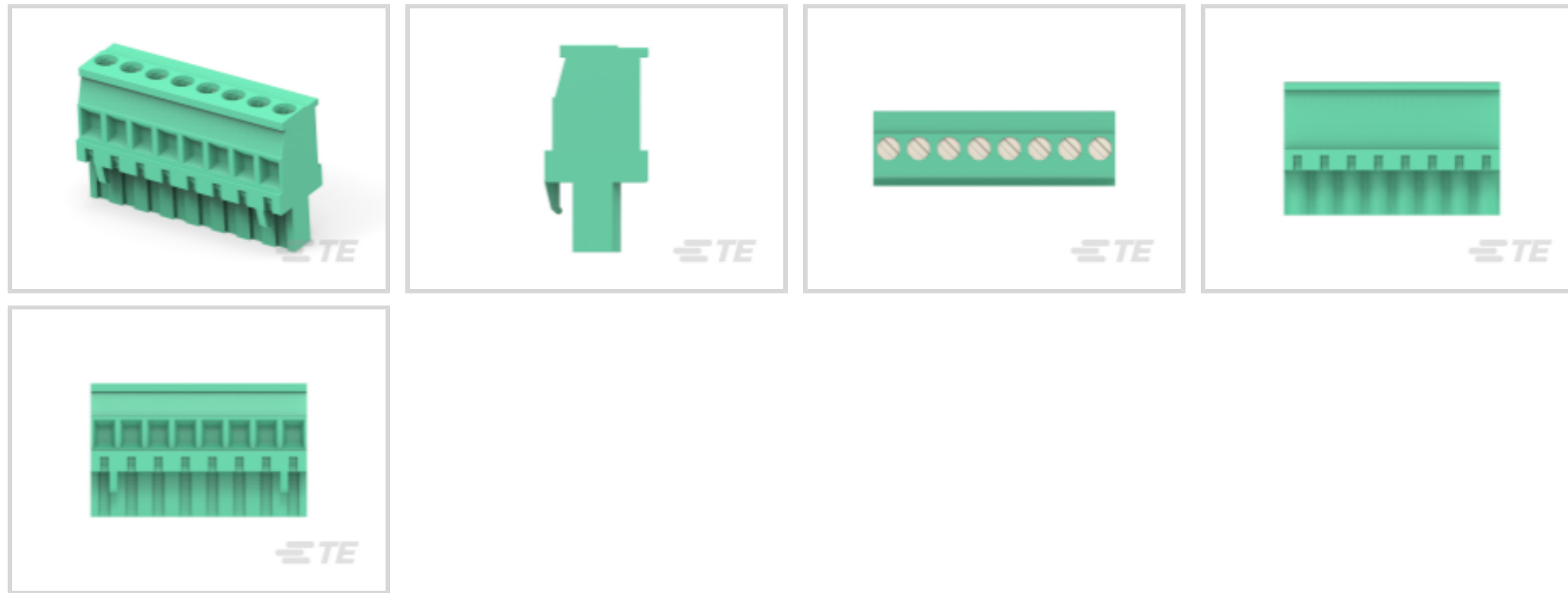
**Buchanan**

TE Internal #: 284047-8

Plug, Wire-to-Board, 8 Position, 5.08 mm [.2 in] Centerline, 1 Row,  
90° Wire Entry Angle, 30 – 12 AWG 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 with Exemptions**

Terminal Block Connector Type: **Plug**

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

Number of Positions: **8**

**Features**

**Other**

|                    |                           |
|--------------------|---------------------------|
| EU RoHS Compliance | Compliant with Exemptions |
| EU ELV Compliance  | Compliant with Exemptions |

**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    | Side           |
| Stacking Configuration | Side Stackable |
| Stacked Levels         | Without        |
| Number of Positions    | 8              |
| Number of Rows         | 1              |
| Wire Entry Angle       | 90°            |



### Electrical Characteristics

|                   |         |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

### Body Features

|                       |          |
|-----------------------|----------|
| Primary Product Color | Green    |
| Product Orientation   | Vertical |

### Contact Features

|                                      |                 |
|--------------------------------------|-----------------|
| Contact Mating Area Plating Material | Tin             |
| Contact Base Material                | Phosphor Bronze |
| Contact Current Rating (Max)         | 15 A            |

### Mechanical Attachment

|                        |        |
|------------------------|--------|
| Screw Plating Material | Nickel |
| Screw Material         | Brass  |
| Thread Size            | M3     |

### Housing Features

|                    |                 |
|--------------------|-----------------|
| Housing Material   | PA 66           |
| Centerline (Pitch) | 5.08 mm [.2 in] |

### Dimensions

|           |             |
|-----------|-------------|
| Wire Size | 30 – 12 AWG |
|-----------|-------------|

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

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

### 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 with Exemptions                    |
| 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 2022 (224)

SVHC > Threshold:

Pb (2% in Component)

**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

Not applicable 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 # 796636-8  
8POS 5.08MM CE VRT HDR, TRM BLK



TE Part # 796638-8  
8POS 5.08MM CE R/A HDR, TRM BLK



TE Part # 284065-8  
TERMI-BLOK HDR 180, 5,08MM P.M



TE Part # 2342083-8  
8POS HDR 90 DEG, HT, 5.08MM PITCH, TL2.6MM



TE Part # 2342084-8  
8POS HDR ST, HT, 5.08MM PITCH, TL 2.6MM



TE Part # 282815-8  
TERMI-BLOK HEADER, ASSY90 8P.5



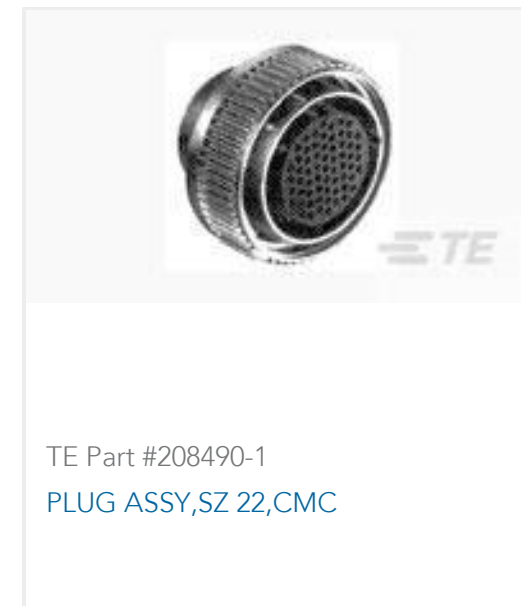
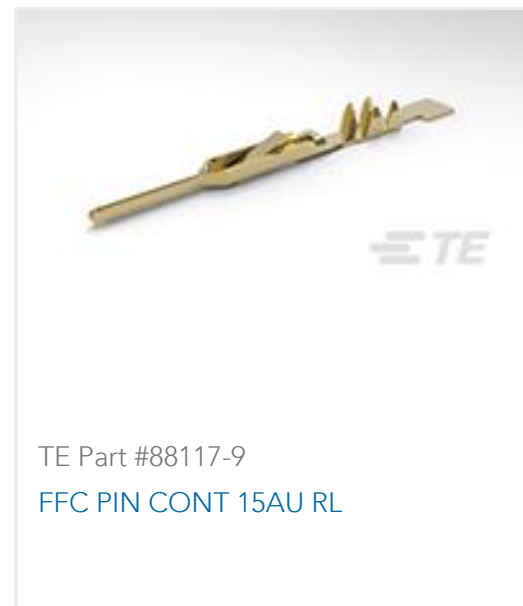
TE Part # 796637-8  
8POS 5.08MM CE VRT HDR, TRM BLK



TE Part # 282825-8  
TERMI-BLOK HEADER, ASSY90 8P.5



## Customers Also Bought



## Documents

### Product Drawings

[TERMI-BLOK VERTICAL PLUG STACK](#)

English

### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_284047-8\\_E.2d\\_dxf.zip](#)



English

Customer View Model

[ENG\\_CVM\\_CVM\\_284047-8\\_E.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284047-8\\_E.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

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

English

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

English

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

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

English

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### Product Specifications

[Application Specification](#)

English

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### Agency Approvals

[UL](#)

English