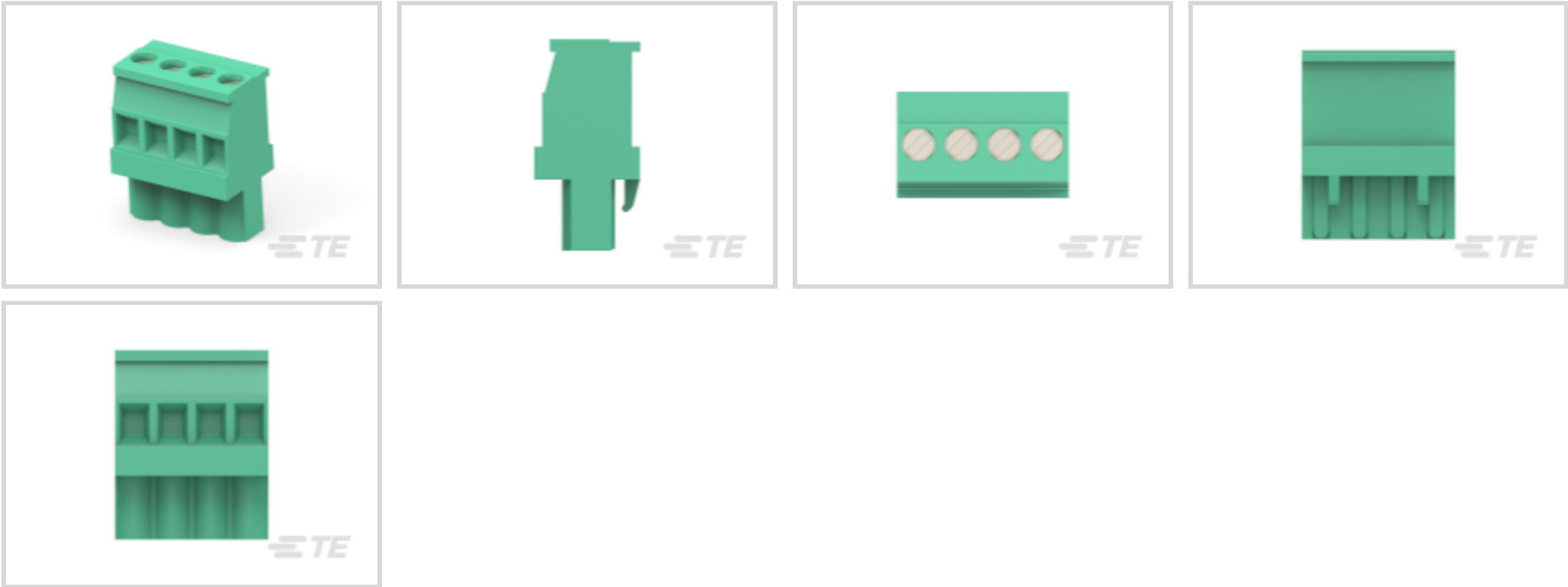




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**  
Connector System: **Wire-to-Board**  
Number of Positions: **8**  
Centerline (Pitch): **5.08 mm [ .2 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

|                        |                |
|------------------------|----------------|
| Stacked Levels         | Without        |
| Wire Entry Location    | Side           |
| Stacking Configuration | Side Stackable |
| 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 | .05 – 3 mm <sup>2</sup> |
|-----------|-------------------------|

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: JAN 2024 (240)<br>Candidate List Declared Against: JUNE 2022 (224)<br>SVHC > Threshold:<br>Pb (2% in Component)<br><small>Article Safe Usage Statements:</small> |



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

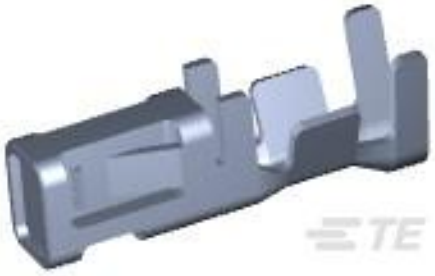
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

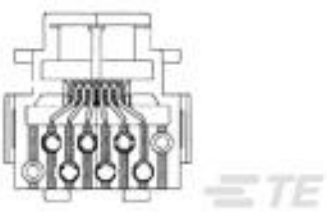
|                                                                    |                                                          |                                                                    |                                                                     |
|--------------------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------------------------|
| <br>TE Part # 796636-8<br>8POS 5.08MM CE VRT HDR,TRM BLK           | <br>TE Part # 796638-8<br>8POS 5.08MM CE R/A HDR,TRM BLK | <br>TE Part # 284065-8<br>TERMI-BLOK HDR 180, 5,08MM P.M           | <br>TE Part # 2342083-8<br>8POS HDR 90 DEG, HT,5.08MM PITCH,TL2.6MM |
| <br>TE Part # 2342084-8<br>8POS HDR ST, HT, 5.08MM PITCH, TL 2.6MM | <br>TE Part # 282815-8<br>TERMI-BLOK HEADER,ASSY90 8P.5  | <br>TE Part # 796637-8<br>8POS 5.08MM CE VRT HDR,TRM BLK           | <br>TE Part # 282825-8<br>TERMI-BLOK HEADER,ASSY90 8P.5,            |
| <br>TE Part # 284061-8<br>TERMI-BLOK HDR 90, 5,08MM P.MU           | <br>TE Part # 1546105-8<br>8 POS 5.08MM LH PLUG BLCK     | <br>TE Part # 2842090-8<br>8 POS TERMIBLOK STRAIGHT PLUG, TOP WIRE | <br>TE Part # 796639-8<br>8POS 5.08MM CE R/A HDR,TRM BLK            |



Customers Also Bought



TE Part #1971795-1  
NEW GI CONN2.5 REC. CONTACT



TE Part #216000-2  
6P. TOOLLESS MOD J.



TE Part #1-746610-9  
40 DIP PLUG, 100CL, LEAD FREE



TE Part #324484  
SPARE WIRE CAP,NAT .048-.075 INS.



TE Part #284041-2  
TERMINAL BLOCK VERTICAL PLUG S



TE Part #284041-3  
TERMINAL BLOCK VERTICAL PLUG S



TE Part #1SNA115129R1400  
M16/12



TE Part #1SNA165111R1400  
M35/16.P



TE Part #9-1393230-5  
RP411024

Documents

Product Drawings

TERMINAL BLOK VERTICAL PLUG ST

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_284041-8\_C1.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_284041-8\_C1.3d\_stp.zip

English

Customer View Model

ENG\_CVM\_284041-8\_C1.2d\_dxf.zip

English

3D PDF



English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_284041-8\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284041-8\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_284041-8\\_B.3d\\_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

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

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL](#)

English