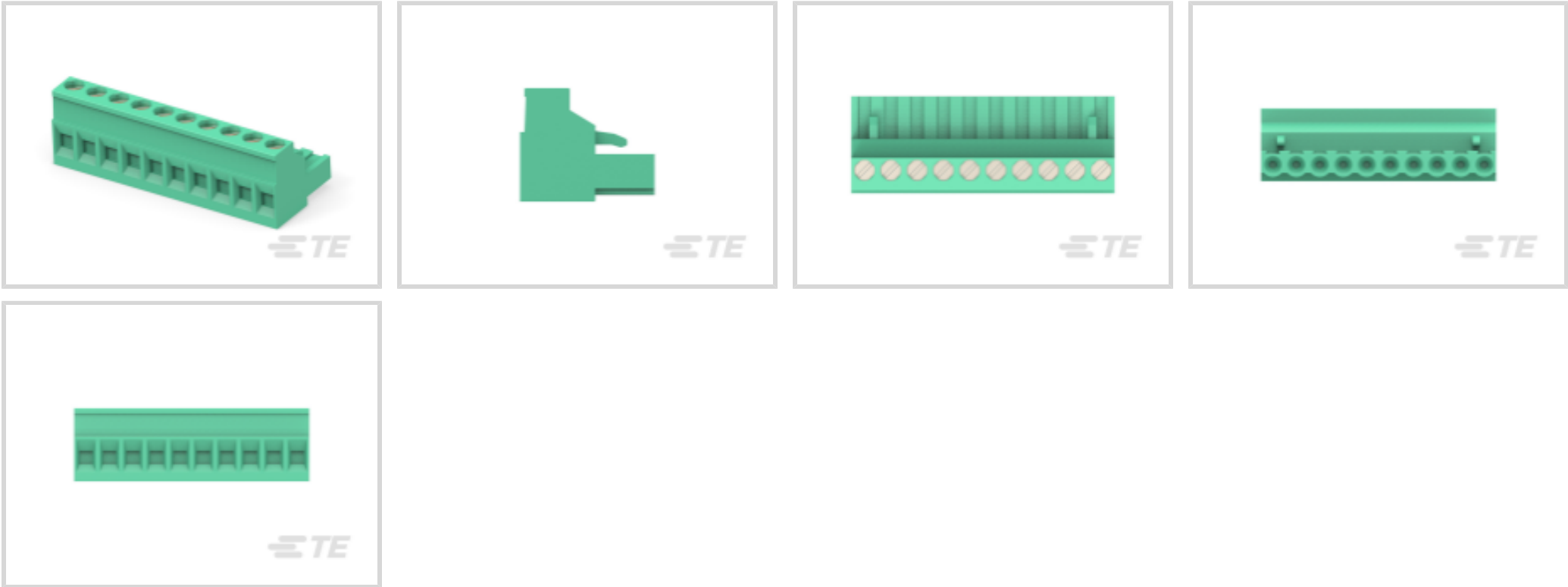




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**

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

Number of Positions: **10**

Centerline (Pitch): **5 mm [ .197 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    | Side           |
| Stacking Configuration | Side Stackable |
| Number of Positions    | 10             |
| Number of Rows         | 1              |
| Wire Entry Angle       | 180°           |

Electrical Characteristics

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

Body Features

|                       |       |
|-----------------------|-------|
| Primary Product Color | Green |
|-----------------------|-------|



|                     |             |
|---------------------|-------------|
| Product Orientation | Right Angle |
|---------------------|-------------|

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 mm[.197 in] |

Dimensions

|           |             |
|-----------|-------------|
| Wire Size | .05 - 3 mm² |
|-----------|-------------|

Usage Conditions

|                             |                            |
|-----------------------------|----------------------------|
| Operating Temperature Range | -40 - 105 °C[-40 - 221 °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>

|                                               |                                                                                                                                                                                                   |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: JAN 2024 (240)<br>SVHC > Threshold:<br>Pb (2% in Component Part)<br><small>Article Safe Usage Statements:</small> |



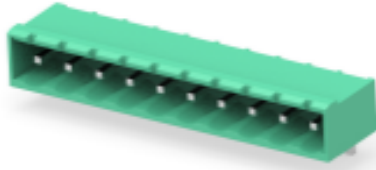
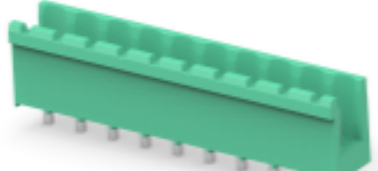
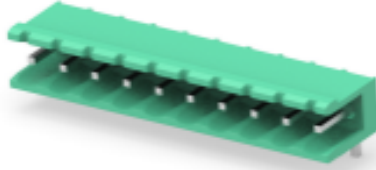
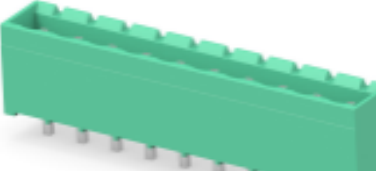
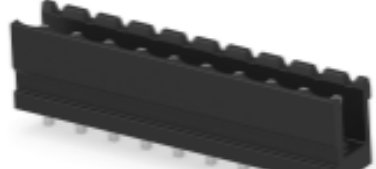
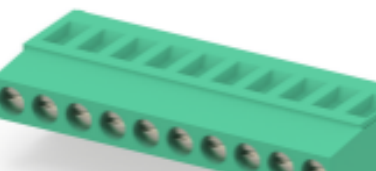
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

|                           |                                                                                     |
|---------------------------|-------------------------------------------------------------------------------------|
| 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 # 1-796644-0<br>10POS 5.0MM CE R/A HDR,TRM BLK | <br>TE Part # 1-282822-0<br>TERMI-BLOK HEADER,ASSY90 10P. | <br>TE Part # 1-282812-0<br>TERMI-BLOK HEADER,ASSY 10P.5  | <br>TE Part # 1-796642-0<br>10POS 5.0MM CE VRT HDR,TRM BLK      |
| <br>TE Part # 1-1776138-0<br>10 P TERMI-BLOK HDR,HIGH TEMP | <br>TE Part # 1-1776146-0<br>10P TERMI-BLOK HDR,HIGH TEMP | <br>TE Part # 1-1776148-0<br>10P TERMI-BLOK HDR,HIGH TEMP | <br>TE Part # 1-1776829-0<br>TERMI-BLOK PCB MOUNT 180 10P.5 BIK |

Customers Also Bought



TE Part # 794193-1  
08P MINI UMNL2 CAP HSG UL94V0

TE Part # 794185-1  
02P MINI UMNL2 CAP HSG UL94V0

TE Part # 794184-1  
02P MINI UMNL2 PLUG HSG UL94V0

TE Part # 794228-1  
MINI UMNL2 PIN 22-18 AWG SN LP

TE Part # 794229-1  
MINI UMNL2 SOK 22-18 AWG SN LP

TE Part # 796640-8  
8 POS 5.0 MM R/A PLUG,TRM BLK

TE Part # 2351885-8  
8POS TB HDR 180 DEG, PITCH 5.0&TL 4.5mm

TE Part # 4-2176339-7  
CRGCQ 0603 68K 1%

TE Part # 3-2176339-5  
CRGCQ 0603 6K8 1%

Documents

CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1-796640-0\\_E1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-796640-0\\_E1.3d\\_stp.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1-796640-0\\_E1.2d\\_dxf.zip](#)

English

[3D PDF](#)

[3D](#)

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\_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English