# 1-282841-0 ✔ ACTIVE

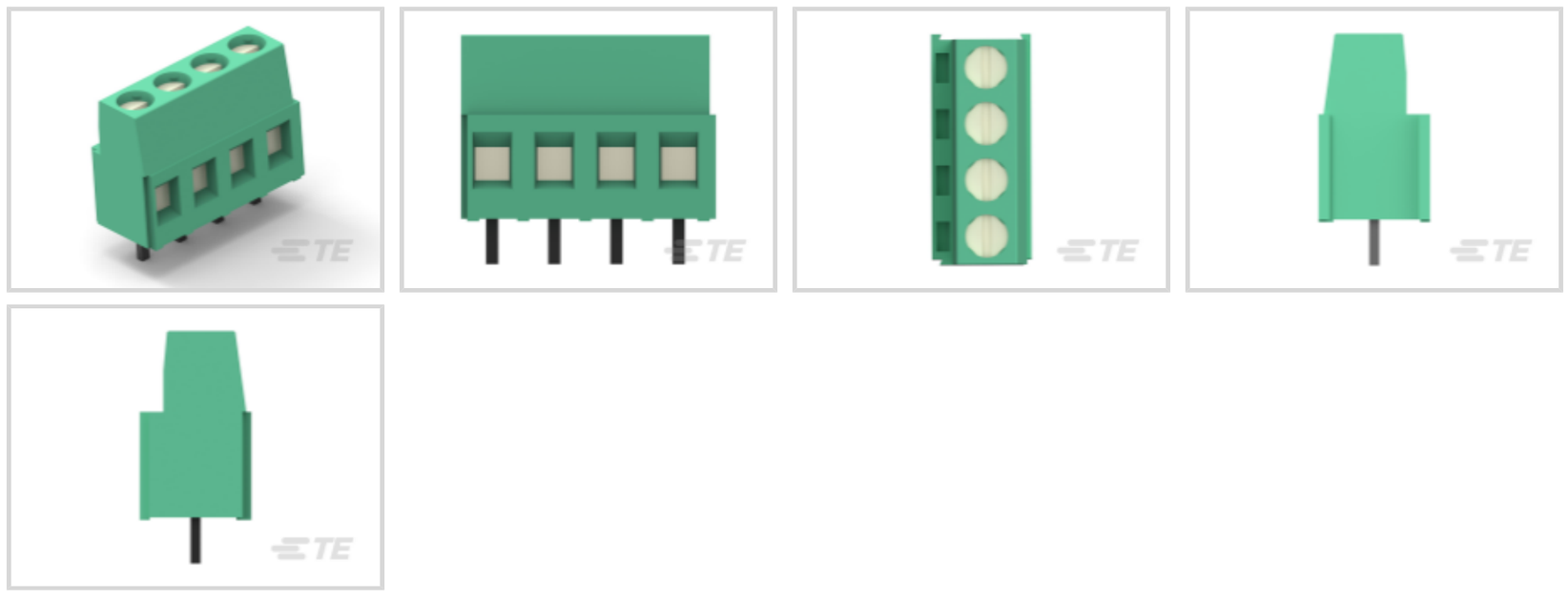
**Buchanan**

TE Internal #: 1-282841-0

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, 5.08mm [.2in] Centerline, 1 Row, Side Wire Entry Angle, 30 – 12AWG Wire Size

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **10**

Centerline (Pitch): **5.08 mm [ .2 in ]**

Number of Rows: **1**

## Features

### Product Type Features

| | |
|---|---|
| Wire Protection | With |
| Block Type | Stacking w/interlock |
| Terminal Block Connector Type | Header |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Threaded Flange | Without |
| Stacked Levels | Without |
| Closed End | Without |
| Number of Positions | 10 |
| Number of Rows | 1 |
| Wire Entry Angle | Side |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 17.5 A |

| | |
|---|---|
| Voltage Rating | 300 VAC |

## Body Features

| | |
|---|---|
| Interlock | With |

## Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Tin |
| Contact Mount | Through Hole |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 17.5 A |

## Mechanical Attachment

| | |
|---|---|
| Screwless Terminal Block | No |
| Mounting Angle | Straight |
| Screw Size | M3 |
| Screw Plating Material | Nickel |
| Screw Material | Brass |
| Screw Flange | Without |
| Connector Mounting Type | Board Mount |

## Housing Features

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

## Dimensions

| | |
|---|---|
| PCB Tail Length | 3.5 mm[.138 in] |
| Wire Size | .05 – 3 $mm^2$ |

## Usage Conditions

| | |
|---|---|
| Operating Temperature Range | -40 – 110 °C[-40 – 230 °F] |

## Operation/Application

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

## Packaging Features

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

## Other

| | |
|---|---|
| Comment | 15A Field Wiring |

## Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (2% in component)<br>**Article Safe Usage Statements:**<br>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 | Not Low Halogen - contains Br or Cl > 900 ppm. |
| Solder Process Capability | Wave solder capable to 265°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

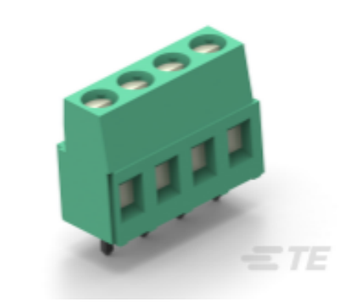
## Compatible Parts



TE Part # 1-796949-0
10POS TERMI-BLOK PCB MOUNT



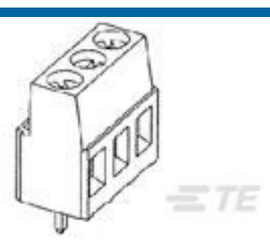
TE Part # 1-796949-9
19POS TERMI-BLOK PCB MOUNT



TE Part # 1-796683-0
TERMI-BLOK PCB MOUNT 90 10P.



TE Part # 1-796911-5
15POS TERMI-BLOK PCB SD WR ENT

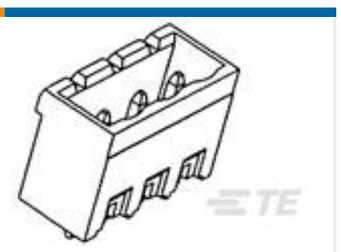


TE Part # 2-796911-0
20POS TERMI-BLOK PCB SD WR ENT

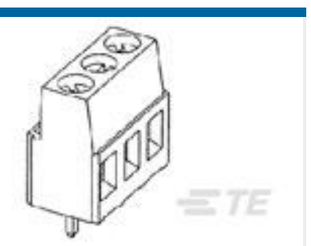
## Customers Also Bought



TE Part #2-1879234-5
SMD Power Resistor: 7 Watt, 200-2M Ohm



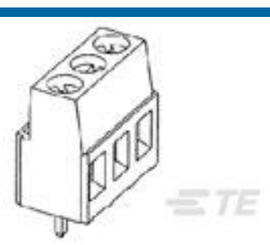
TE Part #796642-8
8POS 5.0MM CE VRT HDR,TRM BLK



TE Part #282841-4
TERMI-BLOK PCB MOUNT 4P. 5



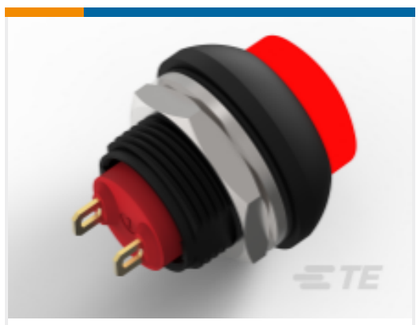
TE Part #1-480721-0
03P CMNL PLUG HSG W/LOK NATL



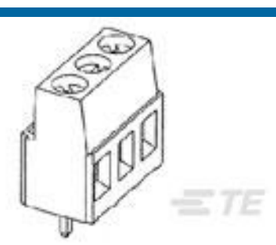
TE Part #282841-6
TERMI-BLOK PCB MOUNT 6P. 5




TE Part #2267079-3
TMS1T3B1M1QE



TE Part #2-2329328-2
PB ON/OFF HC RED M1 TERM IP68



TE Part #282841-2
TERMI-BLOK PCB MOUNT 2P. 5



TE Part #1-770966-0
02P MINI UMNL R/A HDR ASSY SN



TE Part #1-770986-0
MINI UMNL SOK 26-22AWG AU LP

## Documents

### Product Drawings

TERMI-BLOK PCB MOUNT 10P.5

English

### CAD Files

3D PDF

3D

### Customer View Model

ENG_CVM_1-282841-0_H4.3d_igs.zip

English

### Customer View Model

ENG_CVM_1-282841-0_H4.3d_stp.zip

English

### Customer View Model

ENG_CVM_1-282841-0_H4.2d_dxf.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

## Datasheets & Catalog Pages

BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS

English

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

## Product Specifications

Application Specification

English