# 282869-3 ✔ ACTIVE

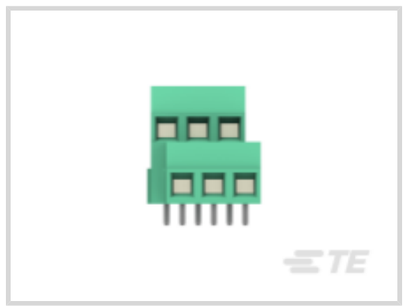
Buchanan

TE Internal #: 282869-3

PCB Terminal Blocks, Header, Wire-to-Board, 3 Position, 5.08mm [.2in] Centerline, 2 Row, Side Wire Entry Angle, 30 – 16AWG 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: **3**

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

Number of Rows: **2**

## Features

### Product Type Features

| | |
|---|---|
| Wire Protection | With |
| Block Type | PCB Mount |
| Header Type | Shrouded |
| Terminal Block Connector Type | Header |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Stacked Levels | Level 1/Level 2 |
| Closed End | Without |
| Number of Positions | 3 |
| Number of Rows | 2 |
| Wire Entry Angle | Side |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 13.5 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) | 13.5 A |

## Mechanical Attachment

| | |
|---|---|
| Screwless Terminal Block | Yes |
| Mounting Angle | Vertical |
| 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 – 1.4 $mm^2$ |

## Usage Conditions

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

## Operation/Application

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

## Packaging Features

| | |
|---|---|
| Packaging Method | Box |
| Packaging Quantity | 125 |

## Other

| | |
|---|---|
| Comment | 10A Field Wiring |

## Product Compliance

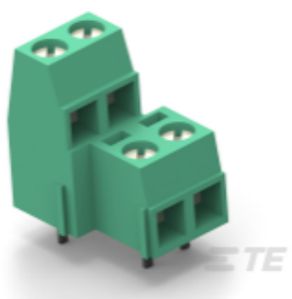
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 2021 (211)<br>Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (.8% in Component Part)<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 | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Wave solder capable to 265°C |

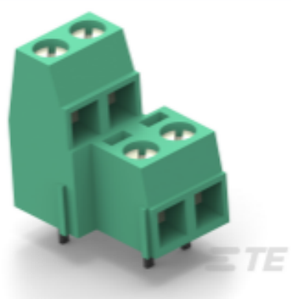
Product Compliance Disclaimer

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

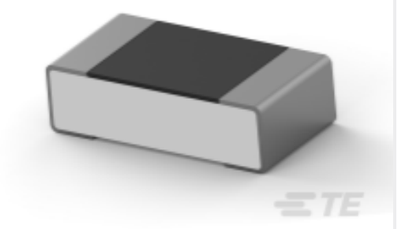


TE Part # 282868-3
TERMI-BLOK PCB MOUNT 1&2 3P. 5



TE Part # 282868-7
TERMI-BLOK,PCB MNT,2LV,4POS,5M

## Customers Also Bought



TE Part #1-2176369-0
RQ 0603 49R9 0.1% 10PPM 5K RL



TE Part #1879029-2
3213 1K




TE Part #1879496-1
CRGH0805 5% 12K 0.33W



TE Part #1609133-1
CORCOM SR SERIES IEC UNFILTERED INLETS



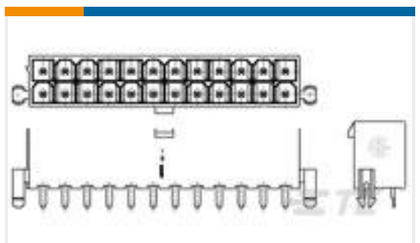
TE Part #1419108-2
RT114012F



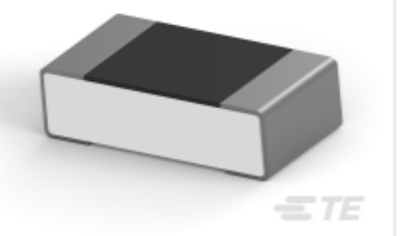
TE Part #1-1971817-0
10P,RAST 2.5 Tab Header,Ex- Locking, THV



TE Part #1571625-2
TACT,6X6,SMT,J-LEAD,50GF,T&R



TE Part #1-2029059-2
12P VAL-U-LOK VRTHDR W/PGS GW



TE Part #9-2176365-7
RQ 0603 402R 0.1% 10PPM 1K RL



TE Part #1-1123722-4
3.96 EP PLUG HSG 4P(NATURAL)

## Documents

### Product Drawings

TERMI-BLOK PCB MOUNT 1&2 3P.5,

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282869-3_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282869-3_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282869-3_B.3d_stp.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