# 284414-8 ✔ ACTIVE

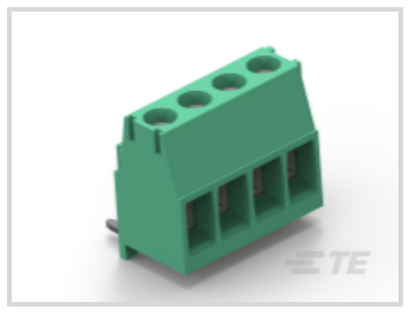
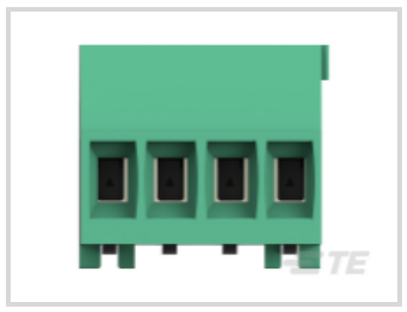
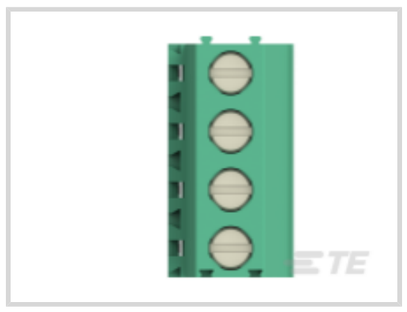
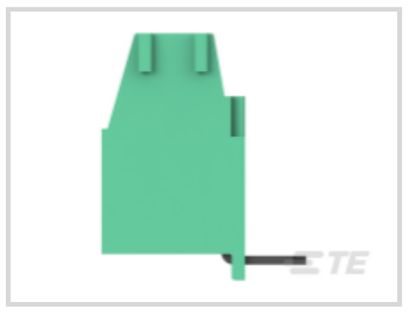
**Buchanan**

TE Internal #: 284414-8

PCB Terminal Blocks, Header, Wire-to-Board, 8 Position, 3.5mm [.138in] Centerline, 1 Row, Top 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: **8**

Centerline (Pitch): **3.5 mm [ .138 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 |
| Stacking Configuration | Side Stackable |
| Number of Positions | 8 |
| Number of Rows | 1 |
| Wire Entry Angle | Top |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 12 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) | 12 A |

## Mechanical Attachment

| | |
|---|---|
| Mating Angle | 90° |
| Screwless Terminal Block | No |
| Mounting Angle | Right Angle |
| Screw Size | M2 |
| 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) | 3.5 mm[.138 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 Method | Box |
| Packaging Quantity | 100 |

## Product Compliance

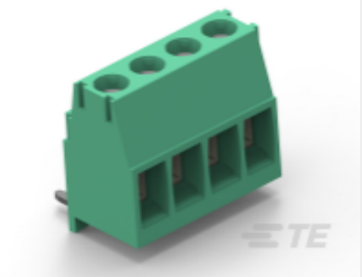
For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| 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 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 |

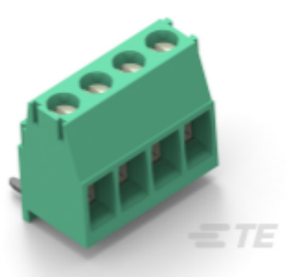
Product Compliance Disclaimer

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

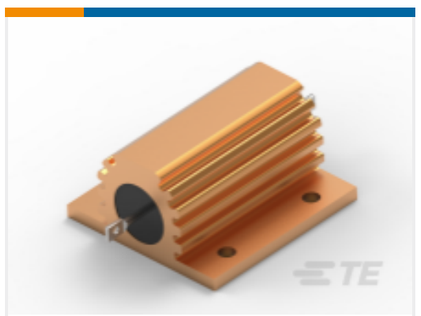


TE Part # 284414-4
TERMI-BLOK 900 PCB 4 POS 3,5 m

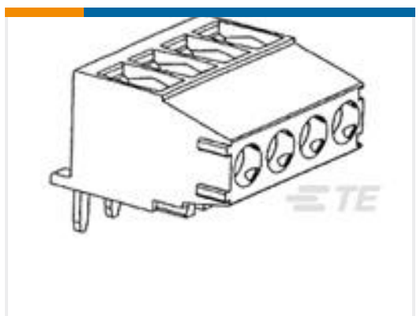


TE Part # 284415-8
TERMI-BLOK 900 PCB 8 POS. 3,81

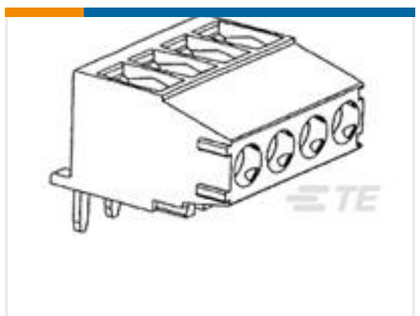
## Customers Also Bought



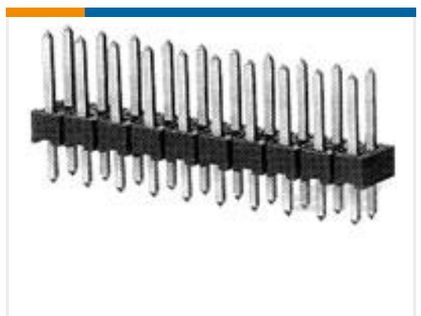
TE Part #1-1676814-2
Power Resistors: Aluminum Housed, HSA



TE Part #284414-6
TERMI-BLOK 900 PCB 6 POS 3,5 m



TE Part #1-284414-2
TERMI-BLOK 900 PCB 12 POS 3,5



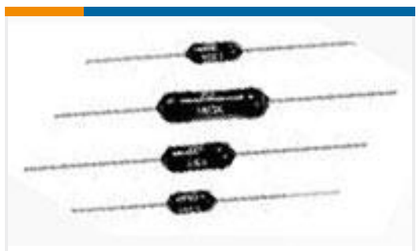
TE Part #102977-4
08 MODII HDR DRST B/A .100CL



TE Part #2-1776044-8
SSB7FP041503=SSB7 ASSY



TE Part #207532-9
SKT HDR ASSY,24 POSN,METRIMATE



TE Part #1-1879696-2
H8 174K 0.1% 100PPM



TE Part #HPP845E034
HTU20D Digital Humidity Temp Sensor



TE Part #34108
SOLIS R 22-16 COMM 22-18 MIL 8



TE Part #2-1445087-9
MICRO MNL HDR ASSY S/ROW AU LF

## Documents

### Product Drawings

TERMI-BLOK 900 PCB 8 POS 3,5 m

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284414-8_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284414-8_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284414-8_C.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