# 282811-2 ✔ ACTIVE

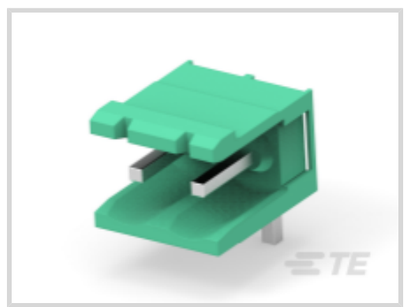
**Buchanan**

TE Internal #: 282811-2

PCB Terminal Blocks, Header, Wire-to-Board, 2 Position, .197 in [5 mm] Centerline, 1 Row, 30 - 12 AWG Wire Size, .05 - 3 mm² 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: **2**

Centerline (Pitch): **5 mm [ .197 in ]**

Number of Rows: **1**

## Features

### Product Type Features

| | |
|---|---|
| Header Type | Partially Shrouded |
| Terminal Block Connector Type | Header |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Printed Circuit Board |

### Configuration Features

| | |
|---|---|
| Number of Positions | 2 |
| Number of Rows | 1 |

### 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 | Copper Alloy |
| Contact Current Rating (Max) | 15 A |

## Termination Features

| | |
|---|---|
| Termination Post & Tail Length | 3.5 mm[.138 in] |
| Termination Method to Printed Circuit Board | Through Hole - Solder |

## Mechanical Attachment

| | |
|---|---|
| Connector Mounting Type | Board Mount |

## Housing Features

| | |
|---|---|
| Housing Material | Polyamide 6.6 GF |
| 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 | 300 |
| Packaging Method | Carton |

# Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant |
| EU ELV Directive 2000/53/EC | Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No 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>Does not contain REACH SVHC |
| 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

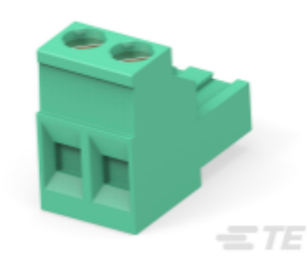
Product Compliance Disclaimer

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



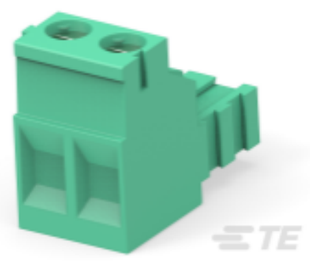
TE Part # 284040-2
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 796640-2
2 POS 5.0 MM R/A PLUG,TRM BLK



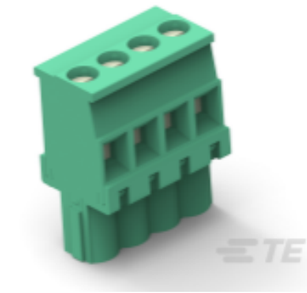
TE Part # 284046-2
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 282805-2
TERMI-BLOK PLUG STACKING 2POS.



TE Part # 1986976-2
EUROSTYLE 2 POS VERT PLUG RH MODULAR 5MM

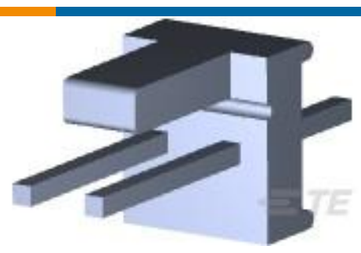


TE Part # 1986978-2
EUROSTYLE 2 POS VERT PLUG LH MODULAR 5MM

## Customers Also Bought



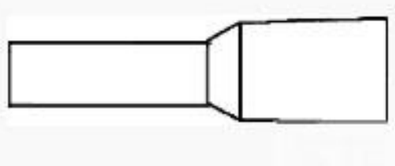
TE Part # 206305-1
CPC PLUG ASSEMBLY SIZE 23-37



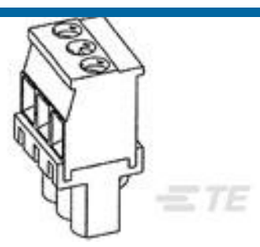
TE Part # 640454-2
02P MTA100 HDR ASSY SQ STR POL



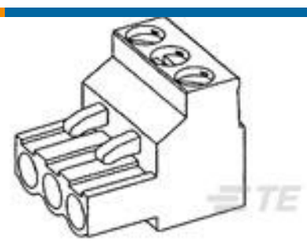
TE Part # T4111011051-000
M12 M, 5P GOLD A_CODE S SHIELDED PG7



TE Part # 966066-5
FER,WIRE,PL SLV,.14/26,L6,GREY,LP



TE Part # 284040-2
TERMI-BLOK VERTICAL PLUG STACK



TE Part # 796640-2
2 POS 5.0 MM R/A PLUG,TRM BLK



TE Part # 8-1393253-8
W69-X2Q12-25=M6/M7/M9/W6/W7



TE Part # 1-2307817-6
16P,2MM,BB,REC,DRVT,SMD,0.1AU,TR,W/CP



TE Part # 1-1478924-0
SMA R/A PLG S/CRMP RG174 GSS

TE Part # 1SNA179534R2200
BRT80A

## Documents

### Product Drawings

TERMI-BLOK HEADER ASSY90 2P.

English

### CAD Files

Customer View Model

ENG_CVM_282811-2_C.3d_igs.zip

English

Customer View Model

ENG_CVM_282811-2_C.3d_stp.zip

English

Customer View Model

ENG_CVM_282811-2_C.2d_dxf.zip

English

3D PDF

English

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

### Datasheets & Catalog Pages

Eurostyle Terminal Blocks Focus Product Stock List

English

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