# 282809-2 ✔ ACTIVE

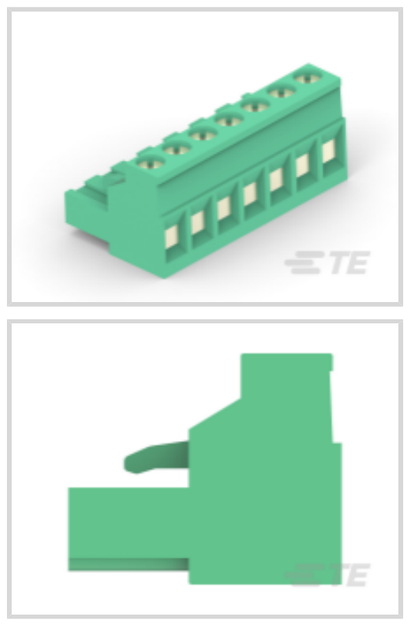
**Buchanan**

TE Internal #: 282809-2

PCB Terminal Blocks, Plug, Wire-to-Board, 2 Position, 10.16mm [.4in] 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: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **10.16 mm [ .4 in ]**

Number of Rows: **1**

## Features

### Product Type Features

| | |
|---|---|
| Wire Protection | With |
| Block Type | Stacking Plug |
| Terminal Block Connector Type | Plug |
| Connector System | Wire-to-Board |
| Connector & Contact Terminates To | Wire & Cable |

### Configuration Features

| | |
|---|---|
| Number of Positions | 2 |
| Number of Rows | 1 |
| Wire Entry Angle | Side |

### Electrical Characteristics

| | |
|---|---|
| Current Rating (Max) | 15 A |
| Voltage Rating | 600 VAC |

### Body Features

| | |
|---|---|
| Interlock | Without |

### Contact Features

| | |
|---|---|
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | 15 A |

### Mechanical Attachment

| | |
|---|---|
| Screwless Terminal Block | No |
| Mounting Angle | Right Angle |
| Screw Size | M3 |
| Screw Plating Material | Nickel |
| Screw Material | Brass |
| Screw Flange | Without |

### Housing Features

| | |
|---|---|
| Housing Color | Green |
| Housing Material | PA 66 |
| Centerline (Pitch) | 10.16 mm[.4 in] |

### Dimensions

| | |
|---|---|
| Wire Size | .05 – 3 $mm^2$ |

### Usage Conditions

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

### Operation/Application

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

### Packaging Features

| | |
|---|---|
| Packaging Method | Box |
| Packaging Quantity | 200 |

## Product Compliance

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

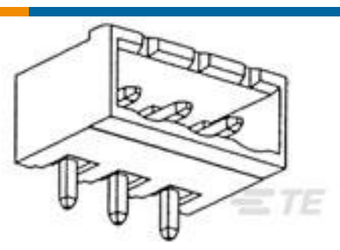
| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2021 (211) |

| | |
|---|---|
| | Candidate List Declared Against: JAN 2021 (211)<br>SVHC > Threshold:<br>Pb (3% 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 | Not applicable for solder process capability |

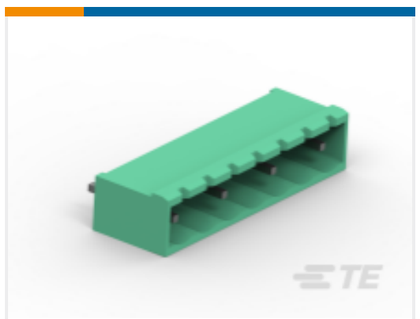
Product Compliance Disclaimer

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

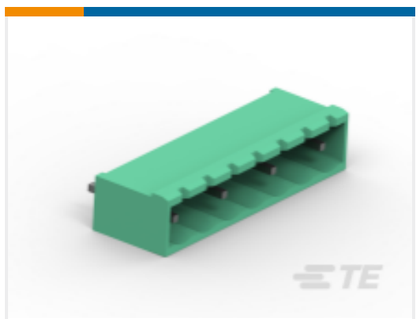
## Compatible Parts



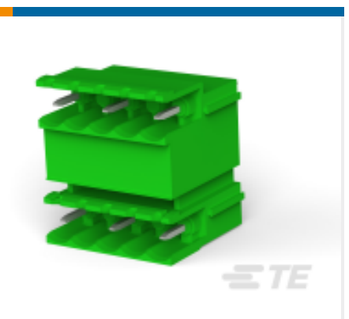
TE Part # 282818-2
TERMI-BLOK HEADER,ASSY90 2P.1



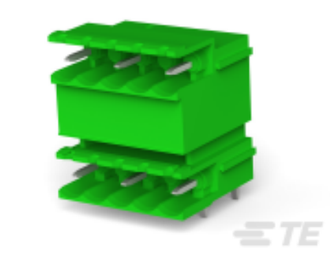
TE Part # 282828-2
TERMI-BLOK HEADER,ASSY90 2P.



TE Part # 1-282828-4
TERMI BLOK HEADER - 1800 CLOSE

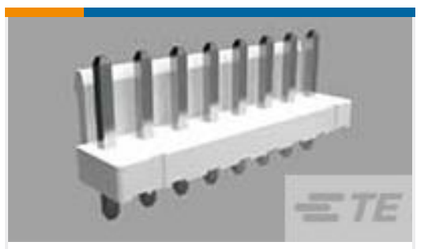


TE Part # 1986955-2
2P,EUROSTYLE HDR C,10.16MM,ST, MOD



TE Part # 1986959-2
2P,EUROSTYLE HDR C,10.16MM,90D, MOD

## Customers Also Bought



TE Part #1744037-6
06P EC PWR.200 CL HDR ASSY VRT



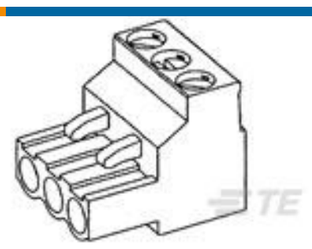
TE Part #1-2176345-0
CRGCQ 1210 56R 1%



TE Part #1971846-4
4P, RAST 5 Tab Header, THV



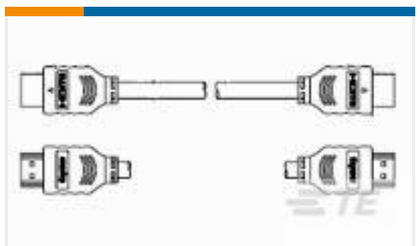
TE Part #YDTS20F15-35SAC001
D38999: Square Flange, 15-35 insert



TE Part #1-282809-5
TERMI-BLOK PLUG STACKING 4P, M



TE Part #1513259-1
WORLD GSM PCB ANTENNA BULK PACKAGED



TE Part #1770019-2
C/A, HDMI TO HDMI, 3000MM

TE Part #1735068-2
KIT ASSEMBLY,8P ISCS,MIRAGE



TE Part #1914786-1
FFC .050 15P RECPT ASSY



TE Part #1914786-2
FFC .050 15P RECPT ASSY

## Documents

### Product Drawings

TERMI-BLOK PLUG STACKING 2P.10

English

### CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282809-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282809-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282809-2_E.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

BUCHANAN PCB TERMINAL BLOCKS

English

## Product Specifications

### Application Specification

English