

1776242-2 ✓ ACTIVE

Buchanan

TE Internal #: 1776242-2

PCB Terminal Blocks, Plug, Wire-to-Board, 2 Position, .138 in [3.5 mm] Centerline, 1 Row, 180° Wire Entry Angle, 30 – 14 AWG 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): **3.5 mm [.138 in]**

Number of Rows: **1**

Features

Product Type Features

| | |
|-------------------------------|---------------|
| Wire Protection | With |
| Terminal Block Connector Type | Plug |
| Connector System | Wire-to-Board |

Configuration Features

| | |
|------------------------|----------------|
| Wire Entry Location | Side |
| Stacking Configuration | Side Stackable |
| Number of Positions | 2 |
| Number of Rows | 1 |
| Wire Entry Angle | 180° |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 300 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|-------------|
| Primary Product Color | Black |
| Product Orientation | Right Angle |



Contact Features

| | |
|--------------------------------------|-------|
| Contact Mating Area Plating Material | Tin |
| Contact Base Material | Brass |
| Contact Current Rating (Max) | 11 A |

Mechanical Attachment

| | |
|------------------------|--------|
| Screw Plating Material | Nickel |
| Screw Material | Brass |
| Thread Size | M2 |

Housing Features

| | |
|--------------------|------------------|
| Housing Material | PA 66 |
| Centerline (Pitch) | 3.5 mm [.138 in] |

Dimensions

| | |
|-----------|-------------------------|
| Wire Size | .05 – 2 mm ² |
|-----------|-------------------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|---------|
| Packaging Quantity | 300 |
| Packaging Method | Package |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.te.com)>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Not Compliant |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (2% in Component) |

Article Safe Usage Statements:

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

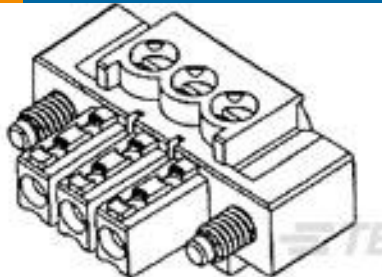


TE Part # 284506-2
2 POS TERMI-BLOK PLUG STACK 3,

Customers Also Bought



TE Part #1445816-3
RECPT,11-9,FLNG MT,STD KEY



TE Part #284510-2
2P TERMI-BLOK PLUG CON VITI



TE Part #1986692-2
STR PLUG SPRING TYPE RH 2P, 3.50 mm



TE Part #1986723-2
STR PLUG SPRING TYPE RH 2P, 3.50 mm



TE Part #1623291-1
CRG0805 1% 82R



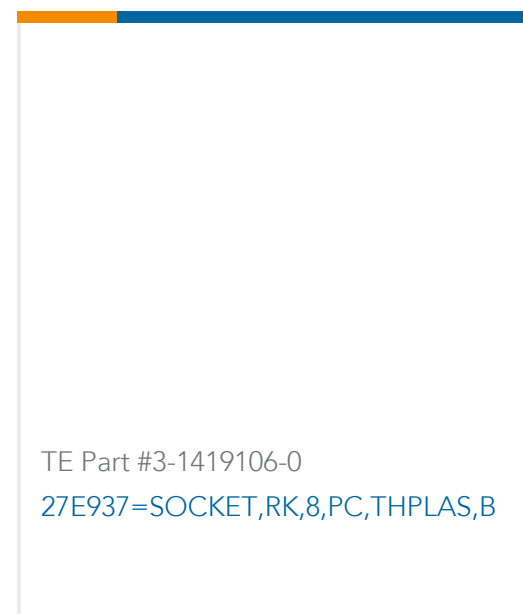
TE Part #1-2176341-5
CRG0805 150R 1%



TE Part #1445420-2
SEAL,FLANGE,SIZE 11



TE Part #1-1649328-5
RT314024



Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1776242-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1776242-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1776242-2_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

Product Specifications

[Product Specification](#)

English

Agency Approvals

[UL](#)

English