

284516-3 ✓ ACTIVE

Buchanan

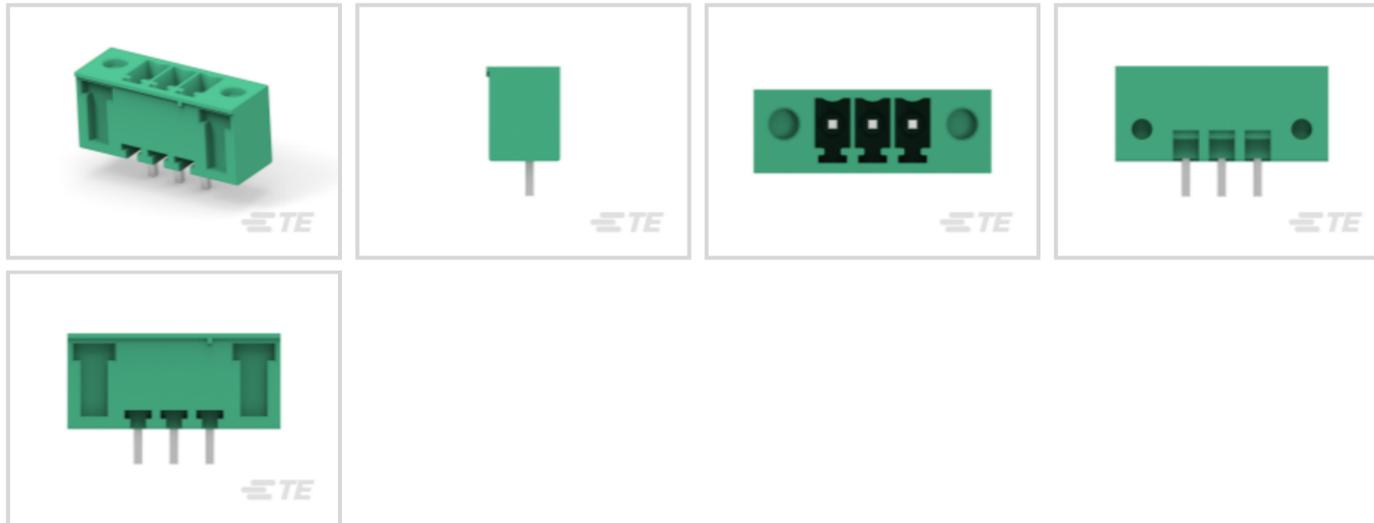
TE Internal #: 284516-3

3 Position PCB Terminal Block, Header, Wire-to-Board, 3.5 mm [.138 in] Centerline, 1 Row, 30 – 14 AWG, .05 – 2 mm² Wire, 200 VAC

[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): **3.5 mm [.138 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

| | |
|---------------------|---|
| Number of Positions | 3 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 200 VAC |
|-------------------|---------|

Body Features

| | |
|-----------------------|----------|
| Primary Product Color | Green |
| Product Orientation | Vertical |

Contact Features

| | |
|--------------------------------------|----------|
| Contact Mating Area Plating Material | Tin (Sn) |
|--------------------------------------|----------|



| | |
|-----------------------|-----------------|
| Contact Base Material | Phosphor Bronze |
|-----------------------|-----------------|

| | |
|------------------------------|------|
| Contact Current Rating (Max) | 11 A |
|------------------------------|------|

Termination Features

| | |
|--------------------------------|------------------|
| Termination Post & Tail Length | 3.4 mm [.134 in] |
|--------------------------------|------------------|

| | |
|---------------------------|-----------------------|
| Termination Method to PCB | Through Hole - Solder |
|---------------------------|-----------------------|

Mechanical Attachment

| | |
|-------------------------|--------|
| Mounting Retention Type | Thread |
|-------------------------|--------|

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

Housing Features

| | |
|------------------|-------|
| Housing Material | PA 66 |
|------------------|-------|

| | |
|--------------------|------------------|
| Centerline (Pitch) | 3.5 mm [.138 in] |
|--------------------|------------------|

Dimensions

| | |
|-----------|-------------|
| Wire Size | 30 – 14 AWG |
|-----------|-------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

| | |
|--------------------|-----|
| 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 | Out of Scope |
|-----------------------------|--------------|

| | |
|---|--|
| China RoHS 2 Directive MIIT Order No 32, 2016 | 有害物质含量超出标准 Restricted Substance(s) Above Threshold |
|---|--|

| | |
|--|---|
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Pb (3% in M-21741-4) |
|--|---|

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 < 900 ppm per |
|-----------------|---------------------------------------|

homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability

Wave solder capable to 240°C

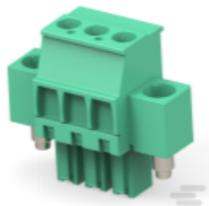
Product Compliance Disclaimer

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>

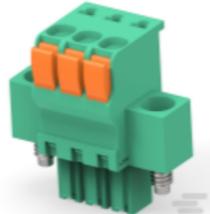
Compatible Parts



TE Part # 284510-3
3P TERMI-BLOK PLUG CON VITI



TE Part # 1986821-3
3P TB,7.62MM,F,VER,LOCK SRW FLG

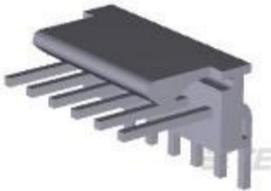


TE Part # 1986723-3
STR PLUG SPRING TYPE RH 3P, 3.50 mm

Customers Also Bought



TE Part #292336-1
Std USB Type A, Flag, T/H



TE Part #640457-6
06P MTA100 HDR ASSY SQ R/A F/L



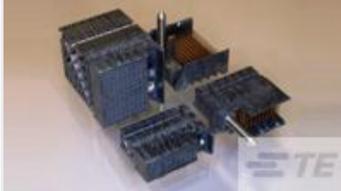
TE Part #1367073-1
20 POS SMT CONN, SFP, 15AU



TE Part #1410189-4
MULTIGIG RT T2 7RW H-LFT,ET2



TE Part #2007215-1
SFP+ 1x1 Cage Assy, PCI, Press



TE Part #2007721-1
IMP100S,R,RA4P16C,LG,3P



TE Part #2416274-1
HM,ASY,TYPE B-19,5+2ROW,VT,HDR, 133P



TE Part #5223957-1
UPM GUIDE MODULE



Documents

Product Drawings

[3P TERMIBLOK HDR DIR C VITI](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_284516-3_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284516-3_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_284516-3_B.3d_stp.zip](#)

English

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[ENG_CVM_284516-3_B.3d_igs.zip](#)

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English

Customer View Model

[ENG_CVM_284516-3_B.2d_dxf.zip](#)

English

[3D PDF](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Eurostyle Terminal Blocks Focus Product Stock List](#)

English

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)



English

Product Specifications

Application Specification

English

Agency Approvals

UL

English