



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **3**

Centerline (Pitch): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

|                                   |                       |
|-----------------------------------|-----------------------|
| Wire Protection                   | With                  |
| Block Type                        | PCB Mount             |
| Terminal Block Connector Type     | Header                |
| Connector System                  | Wire-to-Board         |
| Connector & Contact Terminates To | Printed Circuit Board |

Configuration Features

|                        |                |
|------------------------|----------------|
| Threaded Flange        | Without        |
| Stacked Levels         | Level 1        |
| Stacking Configuration | Side Stackable |
| Number of Positions    | 3              |
| Number of Rows         | 1              |
| Wire Entry Angle       | Side           |

Electrical Characteristics

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



|                |         |
|----------------|---------|
| Voltage Rating | 300 VAC |
|----------------|---------|

Body Features

|           |         |
|-----------|---------|
| Interlock | Without |
| Color     | Black   |

Contact Features

|                                      |               |
|--------------------------------------|---------------|
| Contact Mating Area Plating Material | Tin           |
| Contact Mount                        | Surface Mount |
| Contact Base Material                | Copper Alloy  |
| Contact Current Rating (Max)         | 12 A          |

Mechanical Attachment

|                          |              |
|--------------------------|--------------|
| Screwless Terminal Block | No           |
| Mounting Angle           | Vertical     |
| Screw Size               | M2           |
| Screw Plating Material   | Tin          |
| Screw Material           | Copper Alloy |
| Screw Flange             | Without      |
| Connector Mounting Type  | Board Mount  |

Housing Features

|                    |                            |
|--------------------|----------------------------|
| Housing Color      | Black                      |
| Housing Material   | High Temperature Polyamide |
| Centerline (Pitch) | 3.81 mm[.15 in]            |

Dimensions

|           |                            |
|-----------|----------------------------|
| Wire Size | .08 – 1.31 mm <sup>2</sup> |
|-----------|----------------------------|

Usage Conditions

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

Operation/Application

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

Packaging Features

|                    |             |
|--------------------|-------------|
| Packaging Method   | Tape & Reel |
| Packaging Quantity | 300         |

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 (3.5% in Clamp)<br><b>Article Safe Usage Statements:</b><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                               | Not Yet Reviewed for halogen content                                                                                                                                                                                                                                                                                                                                                                                |
| Solder Process Capability                     | Reflow solder capable to 260°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 # 2383938-3  
TERMI-BLOK SMD MOUNT 180\_3P\_5 MM



TE Part # 2383941-3  
TERMI-BLOK SMD MOUNT 180\_3P\_3.81 MM 7A



TE Part # 2383942-3  
TERMI-BLOK SMD MOUNT 180\_3P\_3.5 MM

Documents

- Product Drawings
- TERMI-BLOK SMD MOUNT 180\_3P\_3.81 MM 12A
- English
- CAD Files
- 3D PDF



3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2383945-3\\_1.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2383945-3\\_1.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2383945-3\\_1.3d\\_stp.zip](#)

English

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

Datasheets & Catalog Pages

[Board Mount Reflow Terminal Block](#)

English

Product Specifications

[Application Specification](#)

English