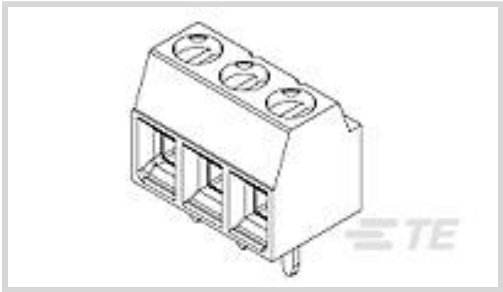




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 3

Terminal Block Connector Type: **Header**

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

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

Number of Rows: 1

Features

Termination Features

|                                |                       |
|--------------------------------|-----------------------|
| Termination Method to PCB      | Through Hole - Solder |
| Termination Post & Tail Length | 2.6 mm[.102 in]       |

Body Features

|                       |          |
|-----------------------|----------|
| Primary Product Color | Black    |
| Product Orientation   | Vertical |

Packaging Features

|                    |     |
|--------------------|-----|
| Packaging Quantity | 200 |
|--------------------|-----|

Mechanical Attachment

|                         |              |
|-------------------------|--------------|
| Screw Plating Material  | Nickel       |
| Screw Material          | Copper Alloy |
| Thread Size             | M2           |
| Connector Mounting Type | Board Mount  |

Contact Features

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

Housing Features

|                  |                            |
|------------------|----------------------------|
| Housing Material | High Temperature Polyamide |
|------------------|----------------------------|



|                                                                 |                                              |
|-----------------------------------------------------------------|----------------------------------------------|
| Centerline (Pitch)                                              | 3.81 mm[.15 in]                              |
| Product Type Features                                           |                                              |
| Wire Protection                                                 | With                                         |
| Terminal Block Connector Type                                   | Header                                       |
| Connector System                                                | Wire-to-Board                                |
| Connector & Contact Terminates To                               | Printed Circuit Board                        |
| Configuration Features                                          |                                              |
| Wire Entry Location                                             | Side                                         |
| Stacking Configuration                                          | Side Stackable                               |
| Stacked Levels                                                  | Without                                      |
| Number of Positions                                             | 3                                            |
| Number of Rows                                                  | 1                                            |
| Wire Entry Angle                                                | 90°                                          |
| Electrical Characteristics                                      |                                              |
| Operating Voltage                                               | 150 VAC                                      |
| Dimensions                                                      |                                              |
| Wire Size                                                       | 28 – 16 AWG                                  |
| Usage Conditions                                                |                                              |
| Operating Temperature Range                                     | -40 – 105 °C[-40 – 221 °F]                   |
| Operation/Application                                           |                                              |
| Circuit Application                                             | Power & Signal                               |
| Other                                                           |                                              |
| EU RoHS Compliance                                              | Compliant with Exemptions                    |
| EU ELV Compliance                                               | Compliant                                    |
| 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                                    |
| 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 2024 (241) |



Candidate List Declared Against: JUNE 2024 (241)  
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 # 284392-3  
TERMI-BLOK PCB SIDE ENTRY STAC

Customers Also Bought



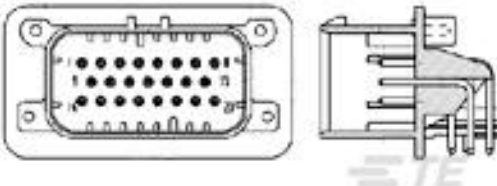
TE Part #3-1437565-0  
FSM2JSMATR=ON T/R



TE Part #282834-3  
TERMI-BLOK PCB MOUNT, 90 3P.



TE Part #2176503-2  
CJP 80W R68 5% Lead



TE Part #1-776087-1  
23POS,PIN DIA 1.3,HDR ASSY,90DEG, COD 1



TE Part #9-6474612-4  
[FSN-22A-8](#)



TE Part #244858-E  
[SMCQ 80 M AB VV 8-03 CL \\* H007 137 E005](#)



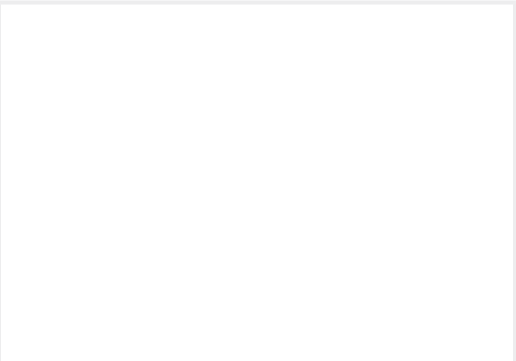
TE Part #294722-E  
[STVQ/2 32 FI AB VV 7-03 TL \\* \\* 247 E 172](#)



TE Part #474820-E  
[SRCP 1,27 12 M 1-KS SMD 137 E1 094 \\* GU-](#)



TE Part #1-2176456-9  
[CPF 0603 1R54 0.1% 25ppm 1K RL](#)



TE Part #9-1462038-9  
[IM03DGR=IM RELAY 140mW 5V](#)

Documents

Product Drawings

[3P,3.81MM,SIDE ENTRY,HIGH TMP](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1776113-3\\_0.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776113-3\\_0.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1776113-3\\_0.3d\\_stp.zip](#)

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

[1-1773458-1\\_EURO\\_STYLE\\_TERMINAL\\_BLOCKS\\_QRG](#)

English

Product Specifications

[Application Specification](#)

English

1776113-3

3 Position PCB Terminal Block, Header, Wire-to-Board, 3.81 mm [.15 in] Centerline, 1 Row, 90° Wire Entry Angle, 28 – 16 AWG, .08 – 1.4 mm² Wire



Agency Approvals

UL

English