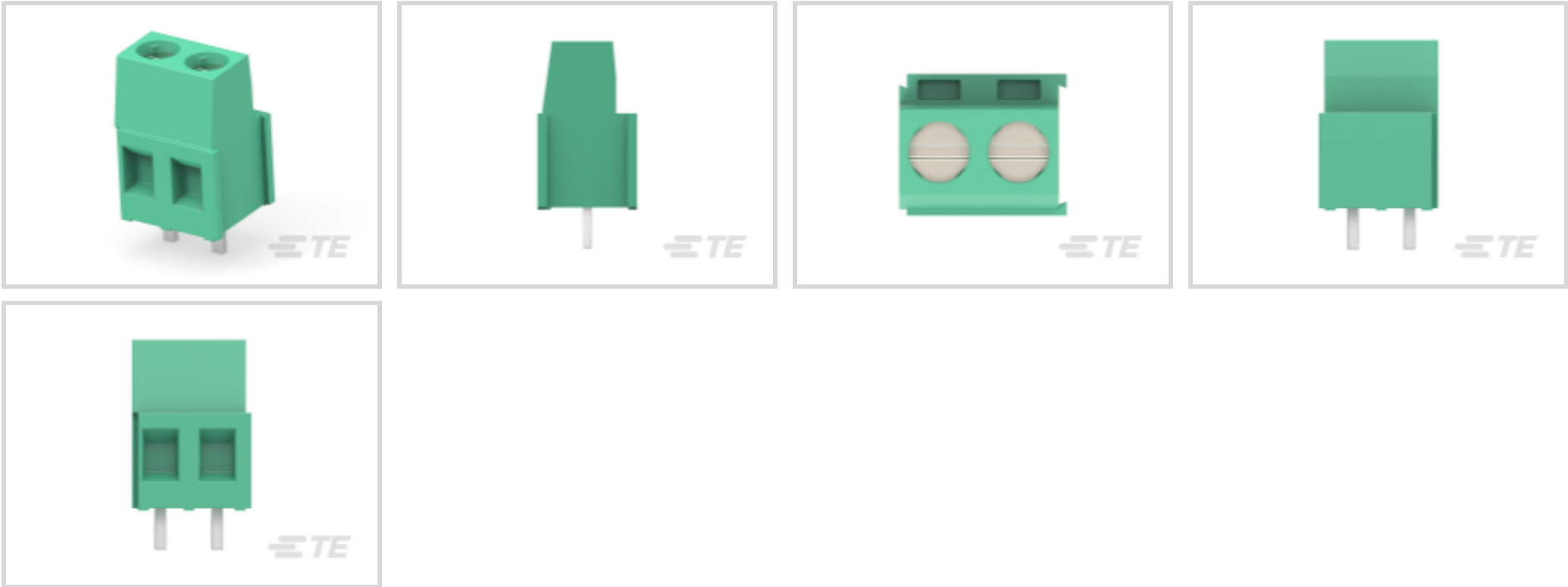


TE Internal #: 282841-2
2 Position PCB Terminal Block, Header, Wire-to-Board, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG, .05 – 3 mm² Wire, 300 VAC

[View on TE.com >](#)



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 2
Terminal Block Connector Type: **Header**
Connector System: **Wire-to-Board**
Centerline (Pitch): **5.08 mm [.2 in]**
Number of Rows: 1

Features

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

Stacked Levels	Without
Number of Positions	2
Number of Rows	1
Wire Entry Angle	90°
Wire Entry Location	Side

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Green
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Product Orientation	Vertical
Contact Features	
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Brass
Contact Current Rating (Max)	17.5 A
Termination Features	
Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder
Mechanical Attachment	
Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3
Connector Mounting Type	Board Mount
Housing Features	
Housing Material	PA 66
Centerline (Pitch)	5.08 mm[.2 in]
Dimensions	
Wire Size	30 – 12 AWG
Usage Conditions	
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Operation/Application	
Circuit Application	Power & Signal
Packaging Features	
Packaging Method	Carton
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	Out of Scope
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 2025 (247)
Candidate List Declared Against: JAN 2025 (247)
SVHC > Threshold:
Pb (2% in 27726618693)
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

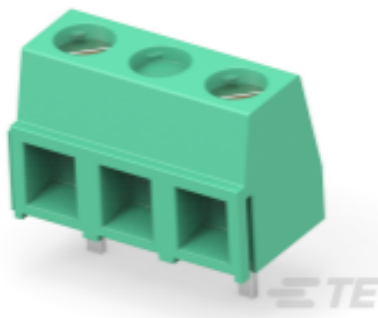
Solder Process Capability

Wave solder capable to 265°C

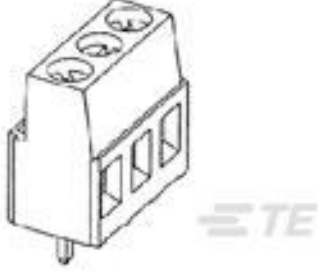
Product Compliance Disclaimer

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>

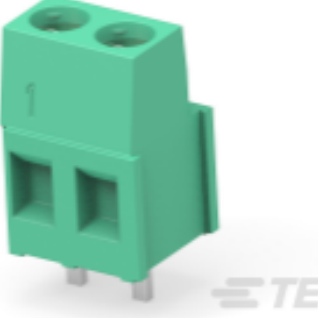
Compatible Parts



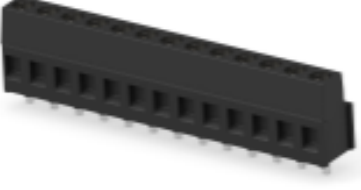
TE Part # 282838-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part # 1546218-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part # 796683-2
TERMI-BLOK PCB MOUNT 90 2P.



TE Part # 1-796949-3
13POS TERMI-BLOK PCB MOUNT



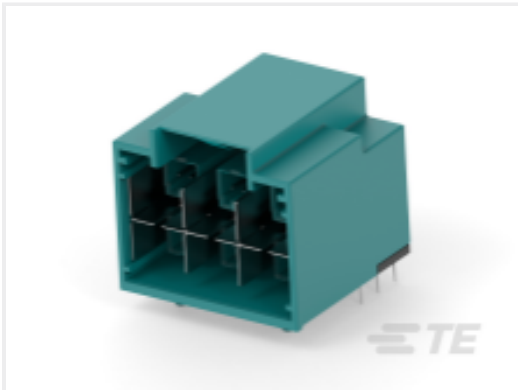
TE Part # 796949-2
TERMI-BLOK PCB MOUNT 2P. 5

Customers Also Bought

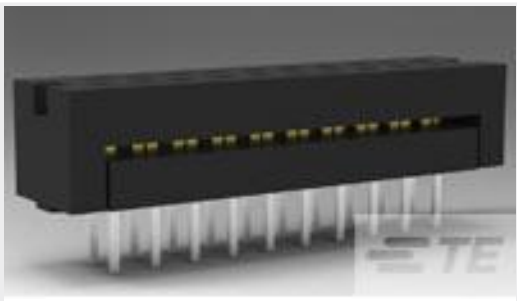




TE Part #4-1825136-2
A101SYAB04



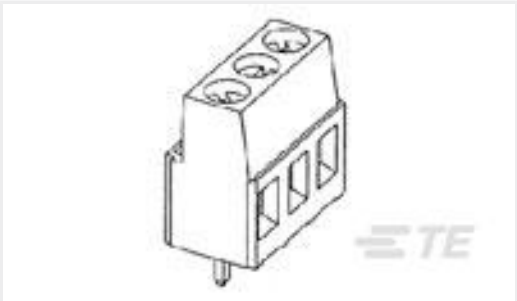
TE Part #2339800-9
MATENET 2X3 HEADER, 90DEG, CODE Z



TE Part #2-746610-3
024 DIP PLUG 100CL TIN



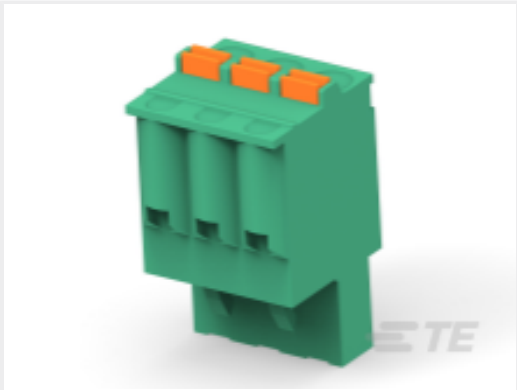
TE Part #2350397-2
2 POS SPRING TB PLUG, PITCH 5.00



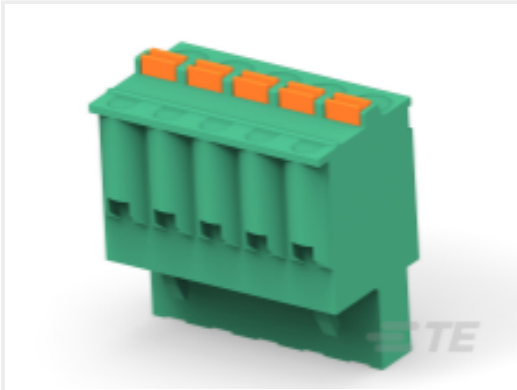
TE Part #282841-5
TERMI-BLOK PCB MOUNT 5P. 5



TE Part #8-1879352-1
RR02 5% 680R AMMO



TE Part #2350397-3
3 POS SPRING TB PLUG, PITCH 5.00



TE Part #2350397-5
5 POS SPRING TB PLUG, PITCH 5.00



TE Part #5-146254-2
04 MODII HDR DRST B/A .100CL



TE Part #6-1879352-3
RR02 5% 120R AMMO

Documents

Product Drawings

TERMI-BLOK PCB MOUNT 2P. 5

English

CAD Files

Customer View Model

ENG_CVM_282841-2_H4.3d_igs.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_282841-2_H4.3d_stp.zip

English

Customer View Model

ENG_CVM_282841-2_H4.2d_dxf.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_282841-2_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282841-2_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282841-2_C.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[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