



Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**

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

Number of Positions: **8**

Centerline (Pitch): **5 mm [.197 in]**

Number of Rows: **2**

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

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	8
Number of Rows	2
Wire Entry Angle	90°

Electrical Characteristics

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

Body Features

Lever Color	White
-------------	-------



Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Length	3.5 mm[.138 in]
Contact Mating Area Plating Material	Tin
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	16 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to Printed Circuit Board	Through Hole - Solder
Termination Method to Wire & Cable	Push-in

Mechanical Attachment

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

Housing Features

Housing Material	Polyamide
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Wire Size	.05 - 3 mm²
-----------	-------------

Usage Conditions

Operating Temperature Range	-40 - 110 °C[-40 - 230 °F]
-----------------------------	----------------------------

Operation/Application

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

Packaging Features

Packaging Quantity	100
--------------------	-----

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Not Yet Reviewed
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240)



Candidate List Declared Against: JAN 2024 (240)
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 # 1986712-8
SCREWLESS, SW,8P,5.08 PCB

Customers Also Bought

TE Part # 284517-8
8P TERMIBLOK HDR DIR POL

TE Part # 1986711-2
SCREWLESS, SW,2P,5.0 PCB

TE Part # 1986711-5
SCREWLESS, SW,5P,5.0 PCB

TE Part # 1-2176328-4
CRGP 1206 120R 1%



TE Part # 3-2176328-8
CRGP 1206 12K 1%

TE Part # 1-2176328-6
CRGP 1206 180R 1%

TE Part # 1-2176328-8
CRGP 1206 270R 1%

TE Part # 2-2176328-3
CRGP 1206 680R 1%

TE Part # T41513B9L25-002
RPC-M12L-5FS-1.0-PUR 14AWG GY

TE Part # 284517-2
2P TERMIBLOK HDR DIR POLAR

Documents

Product Drawings
SCREWLESS, SW,8P,5.0 PCB

English

CAD Files
3D PDF

3D

Customer View Model
ENG_CVM_CVM_1986711-8_C.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_1986711-8_C.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_1986711-8_C.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Agency Approvals
VDE Certificate

English