



TE Internal #: 1-2383945-2
PCB Terminal Blocks, Header, Wire-to-Board, 12 Position, 3.81mm [.15in] Centerline, 1 Row, Side Wire Entry Angle, 28 – 16AWG Wire Size
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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Header**
Connector System: **Wire-to-Board**
Number of Positions: **12**
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	12
Number of Rows	1
Wire Entry Angle	Side

Electrical Characteristics

Current Rating (Max)	12 A
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Voltage Rating	300 VAC
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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 ²
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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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) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (3.5% in Clamp) 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	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 # 1-2383938-2
TERMI-BLOK SMD MOUNT
180_12P_5 MM



TE Part # 1-2383941-2
TERMI-BLOK SMD MOUNT
180_12P_3.81 MM 7A



TE Part # 1-2383942-2
TERMI-BLOK SMD MOUNT
180_12P_3.5 MM

Documents

Product Drawings
TERMI-BLOK SMD MOUNT 180_12P_3.81MM 12A

English

CAD Files
3D PDF



3D

Customer View Model

[ENG_CVM_CVM_1-2383945-2_1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2383945-2_1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-2383945-2_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