

TE Internal #: 1-796682-2
12 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG, .05 – 3 mm² Wire, 300 VAC

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Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 12
Terminal Block Connector Type: **Header**
Connector System: **Wire-to-Board**
Centerline (Pitch): **5 mm [.197 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

Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	12
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	Black
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
Thread Size	M3
Screw Material	Brass
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PA 66
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Wire Size	30 – 12 AWG
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Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	100

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 2025 (247) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (.8% in Component Part) 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 # 796683-6
TERMI-BLOK PCB MOUNT 90 6P.

Customers Also Bought

TE Part #3-1625885-2
1W SM M/OX 5% 1K2

TE Part #1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK

TE Part #1676199-1
RN 0805 15K 0.1% 10PPM CUT LENGTH

TE Part #6-1879213-5
CPF 0402 133R 0.1% 25PPM 1K RL



TE Part #2232723-1
PTL MFBL RECPT CONTACT, 16-19 AWG, 2X22

TE Part #1734248-4
1.0 FPC, ZIF V/T, SMT, 4P

TE Part #6-2176337-1
CRGCQ 0402 1M0 1%

TE Part #3-2176328-1
CRGP 1206 3K3 1%

TE Part #1-1734742-4
.5 FPC VT ZIF Type-A 14 CONT

TE Part #DT15-08PA
HDR, 8P, GRY, ST, NI/CU, A

Documents

Product Drawings

[TERMI-BLOK PCB MOUNT 90 12P.](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_1-796682-2_A.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-796682-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-796682-2_A.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[BUCHANAN TERMINAL BLOCKS CATALOG - EUROSTYLE TERMINAL BLOCKS](#)

English

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English

Product Specifications

[Application Specification](#)

English

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Agency Approvals

UL

English