

Buchanan

TE Internal #: 1-282901-2

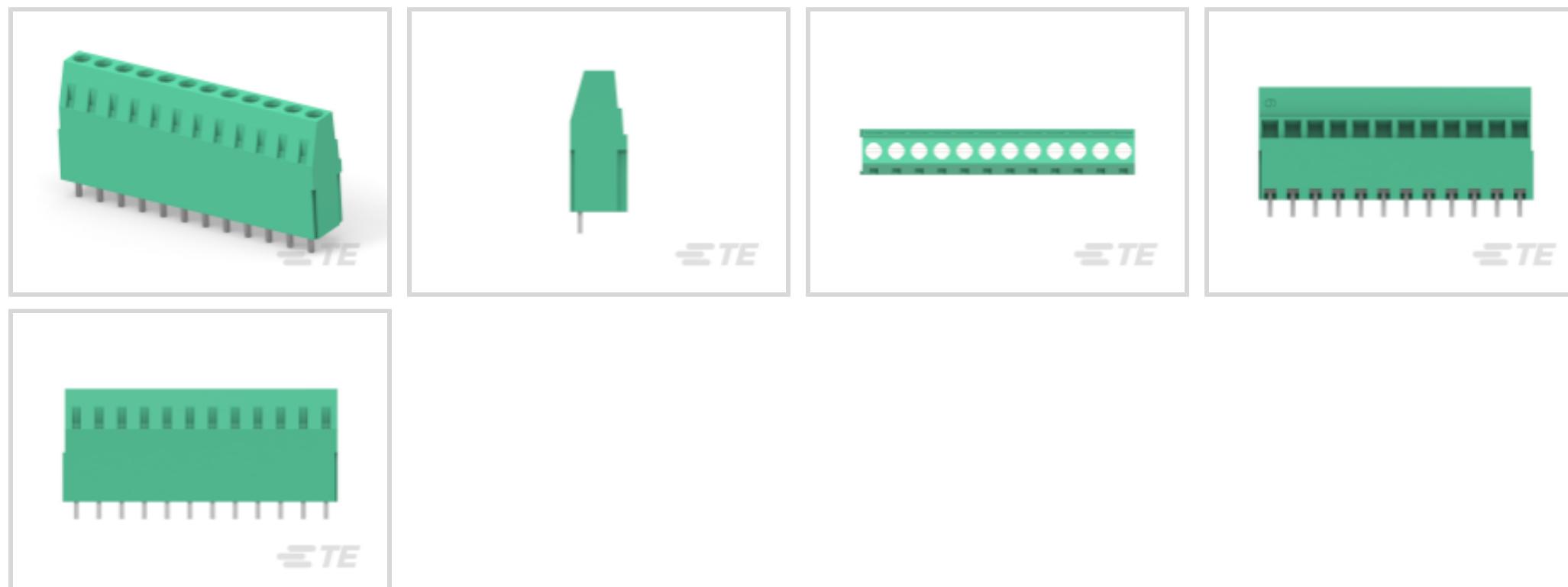
PCB Terminal Blocks, Header, Wire-to-Board, 12 Position, .2 in [5.08

mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 - 12 AWG Wire

Size

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks

Terminal Block Connector Type: **Header**Connector System: **Wire-to-Board**Number of Positions: **12**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	Level 2
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	12
Number of Rows	1
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color

Green

Product Orientation

Vertical

Contact Features

Contact Mating Area Plating Material

Tin

Contact Base Material

Brass

Contact Current Rating (Max)

17.5 A

Termination Features

Termination Post & Tail Length

3.8 mm[.15 in]

Termination Method to Printed Circuit Board

Through Hole - Solder

Termination Method to Wire & Cable

Push-in

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

.05 - 3 mm²**Usage Conditions**

Operating Temperature Range

-40 - 120 °C[-40 - 248 °F]

Operation/Application

Circuit Application

Power & Signal

Identification Marking

Marking Color

Black

Packaging Features

Packaging Quantity

45

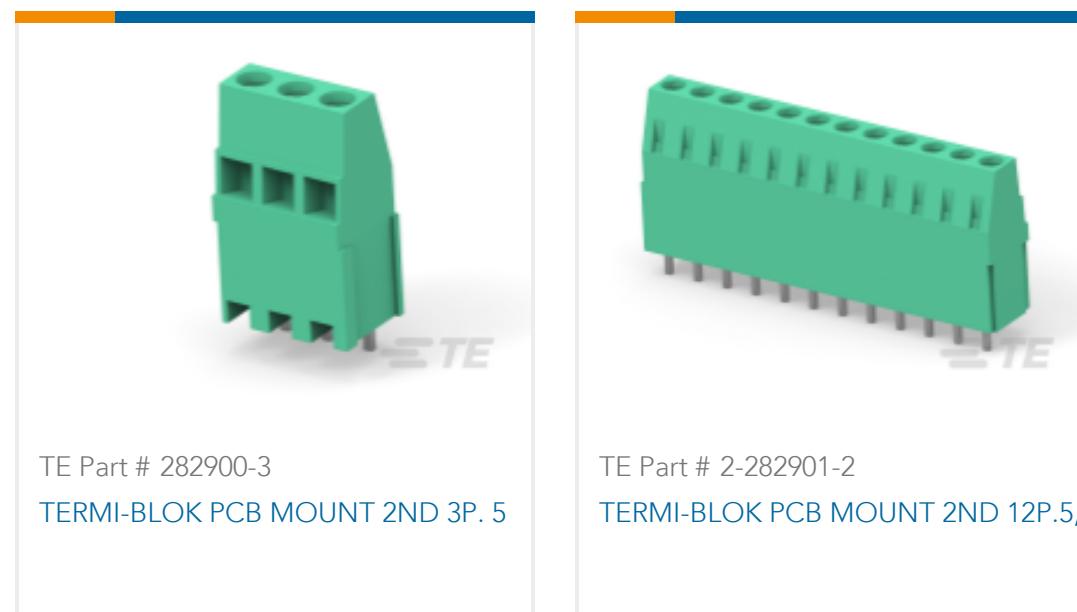
Product ComplianceFor compliance documentation, visit the product page on TE.com>

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 2024 (240) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Pb (.65% in Component Part) <small>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.</small>
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 260°C

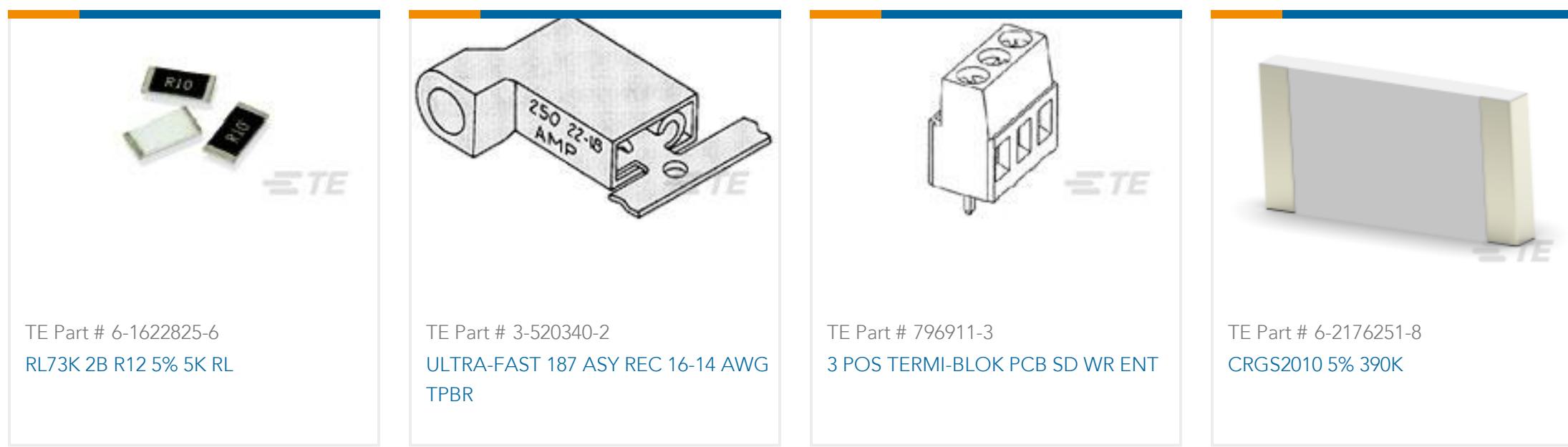
Product Compliance Disclaimer

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



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_1-282901-2_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-282901-2_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-282901-2_C1.2d_dxf.zip](#)

English

3D PDF

3D

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

Datasheets & Catalog Pages

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English

Agency Approvals

UL

English