

1-284041-0 ✓ ACTIVE

Buchanan

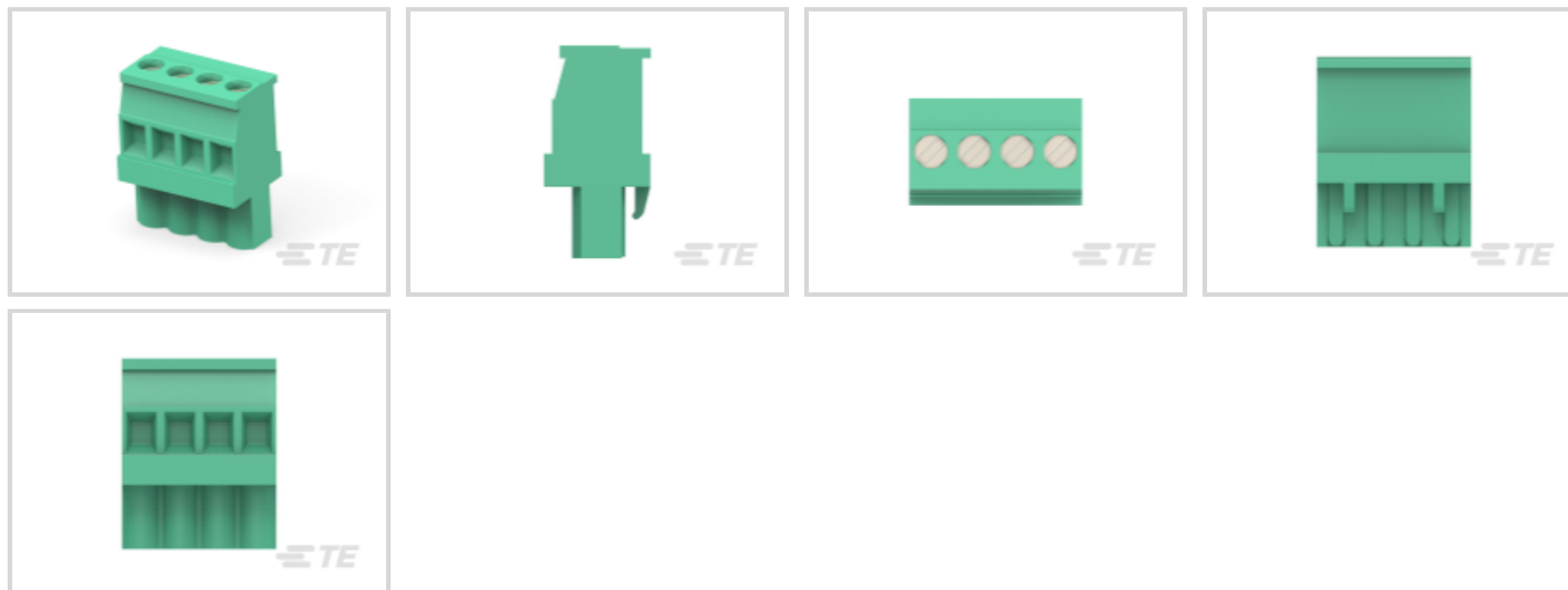
TE Internal #: 1-284041-0

PCB Terminal Blocks, Plug, Wire-to-Board, 10 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: **Plug**

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

Number of Positions: **10**

Centerline (Pitch): **5.08 mm [.2 in]**

Number of Rows: **1**

Features

Product Type Features

Wire Protection	With
Terminal Block Connector Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Stacked Levels	Without
Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	10
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	Phosphor Bronze
Contact Current Rating (Max)	15 A

Mechanical Attachment

Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3

Housing Features

Housing Material	PA 66
Centerline (Pitch)	5.08 mm [.2 in]

Dimensions

Wire Size	.05 – 3 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 Quantity	100
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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: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (3% in Component Part) <small>Article Safe Usage Statements:</small>



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

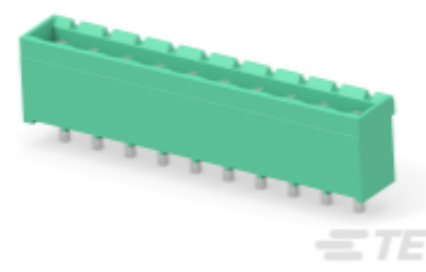
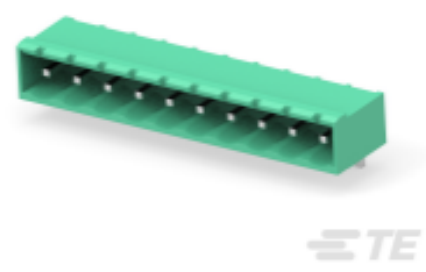
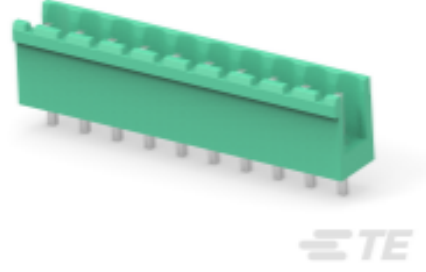
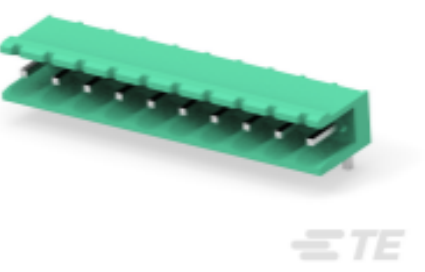
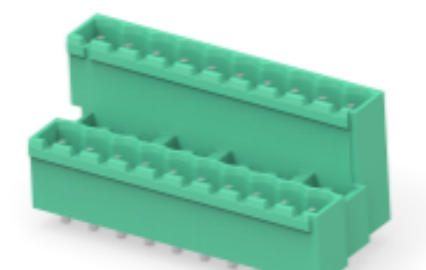
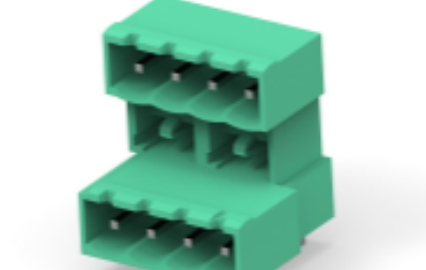
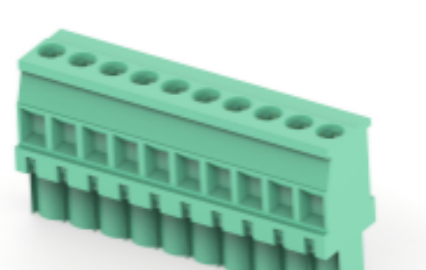



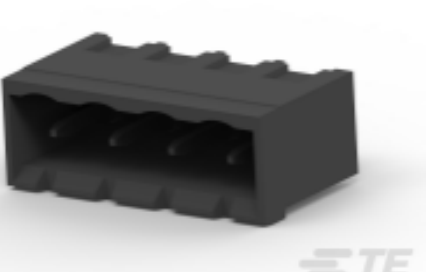

Solder Process Capability

Not applicable for solder process capability

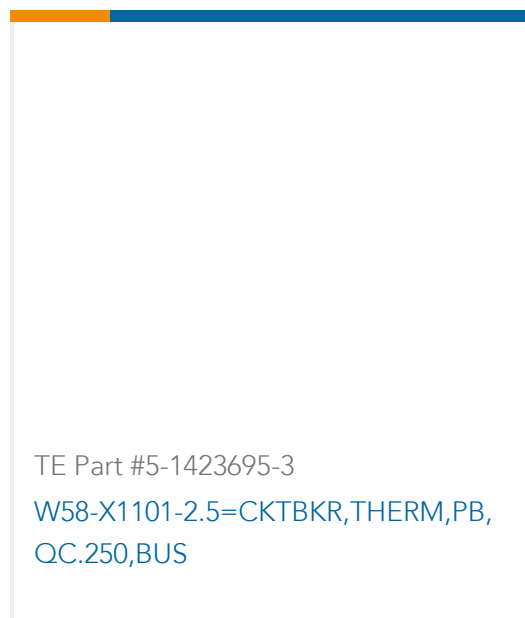
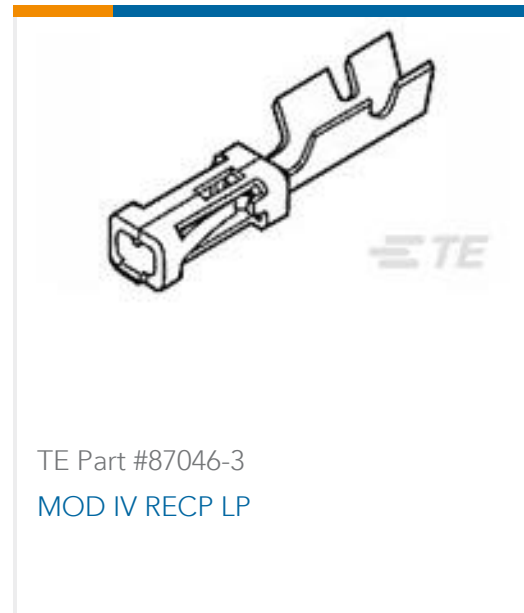
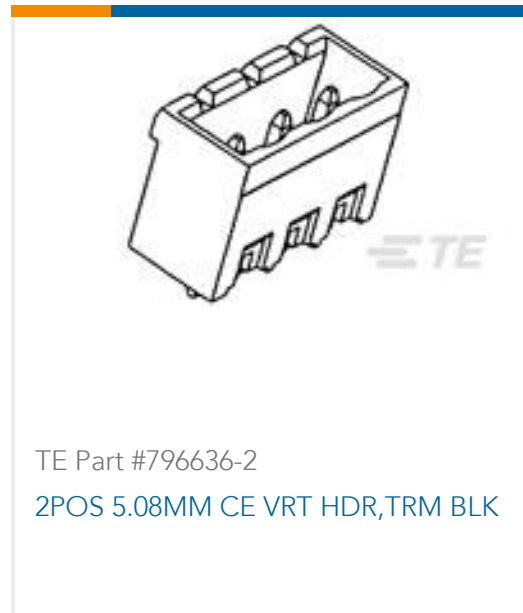
Product Compliance Disclaimer

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

 <p>TE Part # 1-796636-0 10POS 5.08MM CE VRT HDR,TRM BK</p>	 <p>TE Part # 1-796638-0 10POS 5.08MM CE R/A HDR,TRM BK</p>	 <p>TE Part # 1-282825-0 TERMI-BLOK HEADER,ASSY90 10P.5</p>	 <p>TE Part # 1-282815-0 TERMI-BLOK HEADER,ASSY90 10P.</p>
 <p>TE Part # 1-284065-0 TERMI-BLOK HDR 180, 5,08MM 0.M</p>	 <p>TE Part # 1-284061-0 TERMI-BLOK HDR 90, 5,08MMP. MU</p>	 <p>TE Part # 1-1546105-0 10 POS 5.08MM LH PLUG BLCK</p>	 <p>TE Part # 1-2342083-0 10POS HDR 90 DEG,HT,5.08MM PITCH,TL2.6MM</p>
 <p>TE Part # 1-2342084-0 10POS HDR ST, HT, 5.08MM PITCH, TL 2.6MM</p>	 <p>TE Part # 1-2842090-0 10 POS TERMIBLOK STRAIGHT PLUG, TOP WIRE</p>	 <p>TE Part # 1-796637-0 10POS 5.08MM CE VRT HDR,TRM BK</p>	 <p>TE Part # 1-796639-0 10POS 5.08MM CE R/A HDR,TRM BK</p>

Customers Also Bought



Documents

Product Drawings

[TERMINAL BLOCK VERTICAL PLUG S](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_1-284041-0_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-284041-0_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-284041-0_C1.2d_dxf.zip](#)

English

[3D PDF](#)



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_1-284041-0_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-284041-0_B.3d_igs.zip](#)

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Customer View Model

[ENG_CVM_CVM_1-284041-0_B.3d_stp.zip](#)

English

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Datasheets & Catalog Pages

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

English

[BUCHANAN PCB TERMINAL BLOCKS](#)

English

[1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG](#)

English

Product Specifications

[Application Specification](#)

English