

1-284516-2 ✓ ACTIVE

Buchanan

TE Internal #: 1-284516-2

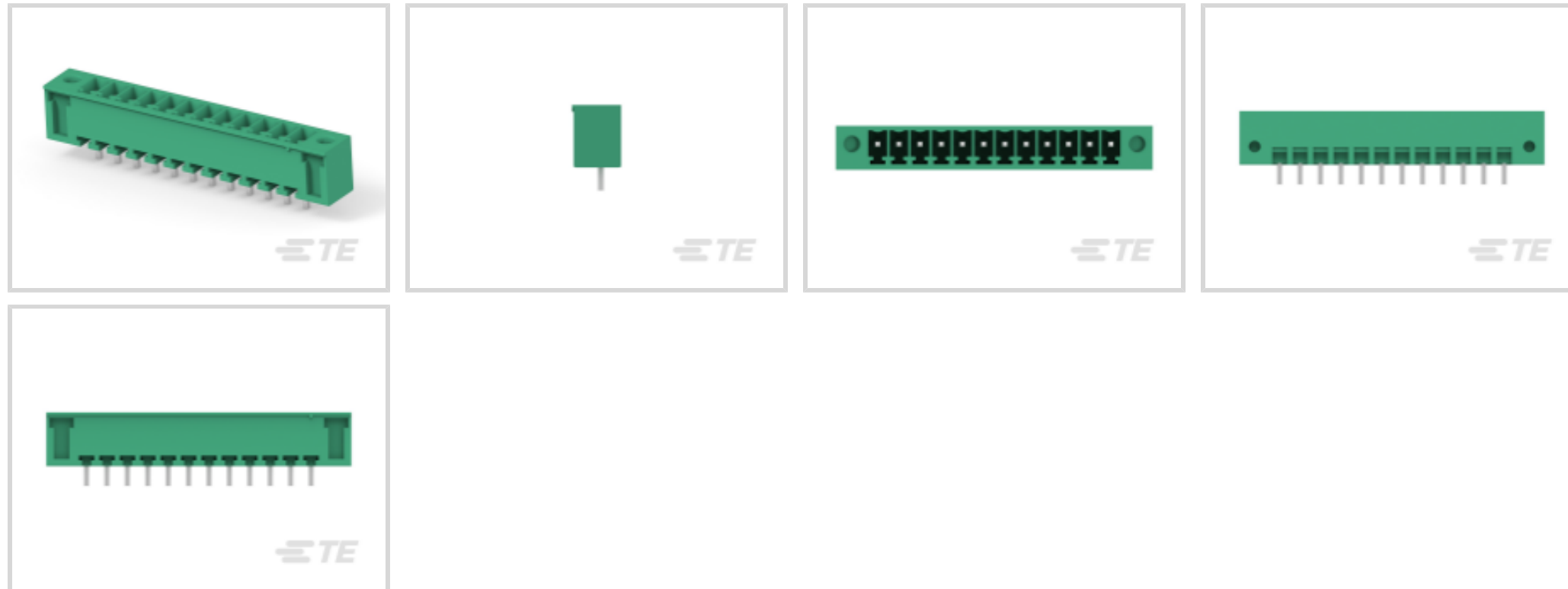
PCB Terminal Blocks, Header, Wire-to-Board, 12 Position, .138 in [3.5 mm] Centerline, 1 Row, 30 – 14 AWG Wire Size, .05 – 2 mm²

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): **3.5 mm [.138 in]**

Number of Rows: **1**

Features

Product Type Features

Header Type	Fully Shrouded
Terminal Block Connector Type	Header
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	12
Number of Rows	1

Electrical Characteristics

Operating Voltage	200 VAC
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Body Features

Primary Product Color	Green
Product Orientation	Vertical

Contact Features

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Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11 A

Termination Features

Termination Post & Tail Length	3.4 mm[.134 in]
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

Mounting Retention Type	Thread
Connector Mounting Type	Board Mount

Housing Features

Housing Material	PA 66
Centerline (Pitch)	3.5 mm[.138 in]

Dimensions

Wire Size	.05 – 2 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
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 2022 (224) SVHC > Threshold: Pb (.8% in component)

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.



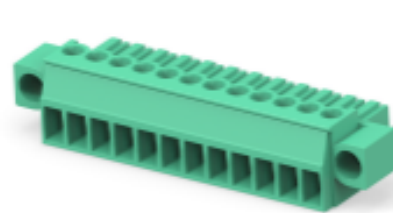
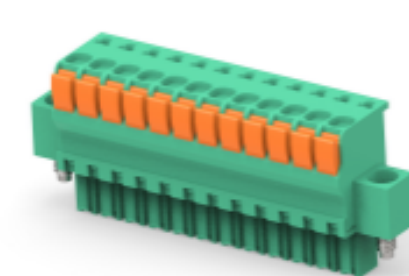
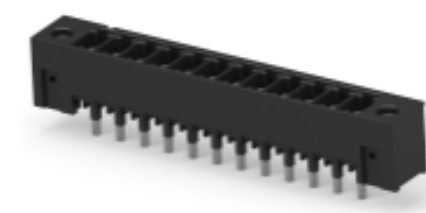
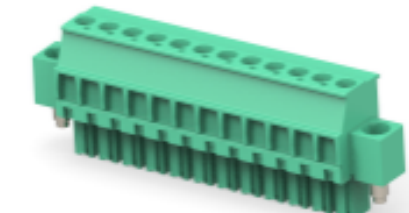
Halogen Content Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free

Solder Process Capability Wave solder capable to 240°C

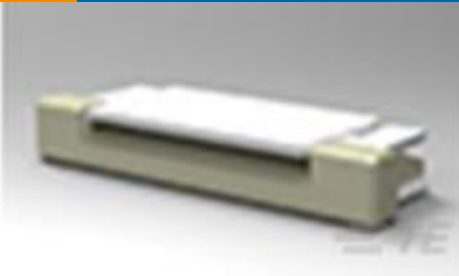







Product Compliance Disclaimer

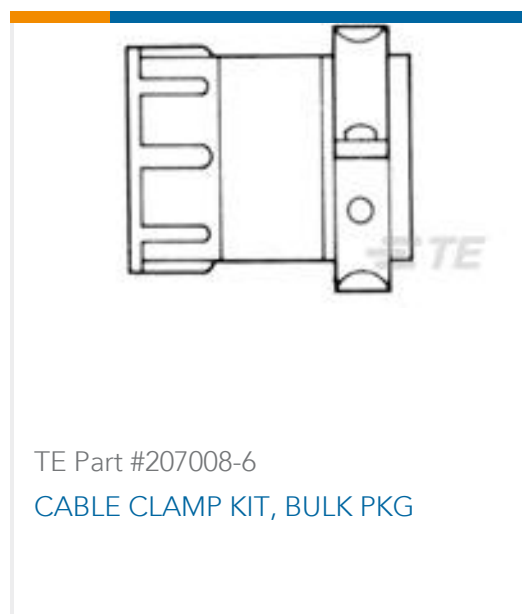
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

 <p>TE Part # 1-284510-2 12P TERMI-BLOK PLUG CON VITI</p>	 <p>TE Part # 1-1986723-2 STR PLUG SPRING TYPE RH 12P, 3.50 mm</p>	 <p>TE Part # 1-1776132-2 12P TERMI-BLOK HDR,HIGH TEMP</p>	 <p>TE Part # 1-1986820-2 12P TB,3.81,F,VER,LOCK SRW FLG</p>
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Customers Also Bought

 <p>TE Part #1734839-8 FPC CONN. 0.5MM PITCH T/C,8P</p>	 <p>TE Part #5535090-4 ASSEMBLY,RECEPTACLE,EUROCARD, T</p>	 <p>TE Part #292303-4 Std USB Type A, R/A, T/H</p>	 <p>TE Part #5-104362-2 03 MTE HDR SRST LATCH W/HLDWN</p>
 <p>TE Part #1-84953-2 1MM FPC HORZ.TOP CONT.ASSY 12P</p>	 <p>TE Part #1-1437624-5 PKA70B1/4=KNOB PLASTIC 1/4 IN</p>	 <p>TE Part #1-1614354-0 RN 0603 511R 0.1% 10PPM CUT LENGTH</p>	 <p>TE Part #2-1445056-2 MICRO MNL HDR ASSY SINGLE ROW</p>



Documents

Product Drawings

12P TERMIBLOK HDR DIR C VITI

English

CAD Files

Customer View Model

[ENG_CVM_1-284516-2_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-284516-2_B.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-284516-2_B.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-284516-2_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-284516-2_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-284516-2_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

Agency Approvals

UL

English