



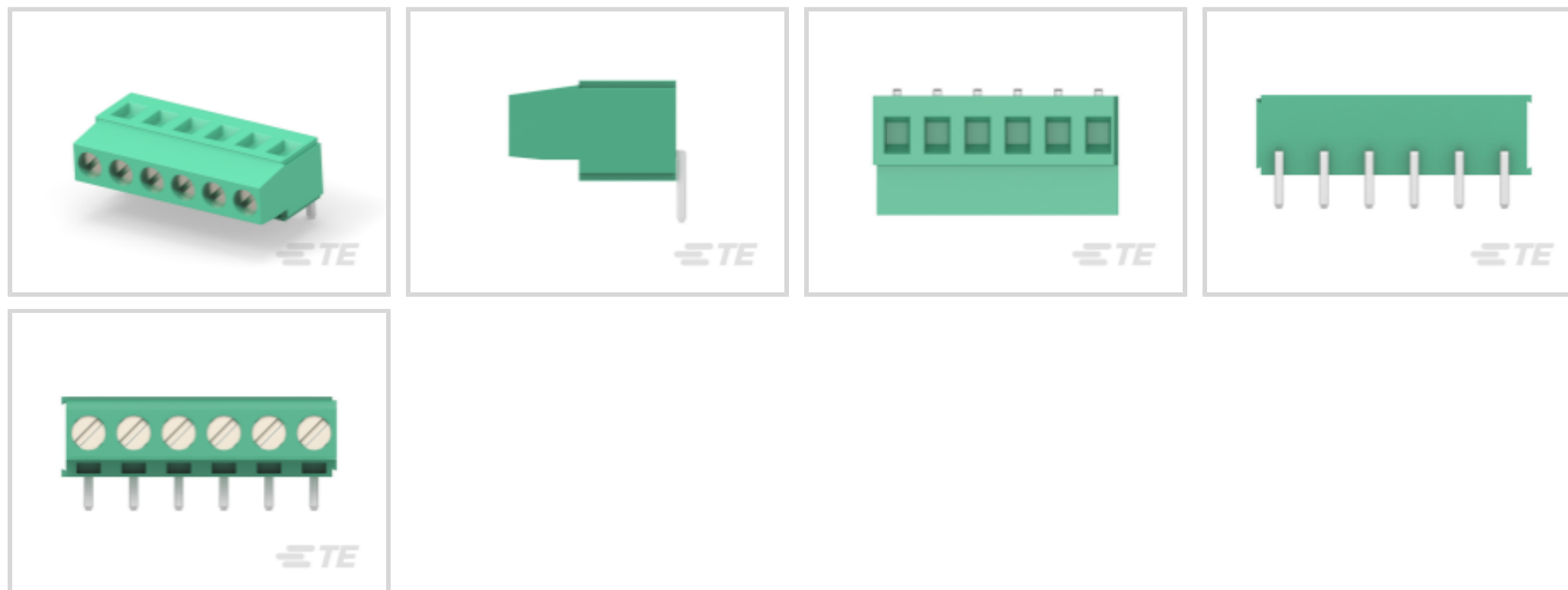
Buchanan

TE Internal #: 282851-6

Header, Wire-to-Board, 6 Position, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size, PCB Terminal Blocks

[View on TE.com >](#)

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



EU RoHS Compliance: **Compliant with Exemptions**

EU ELV Compliance: **Compliant with Exemptions**

Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

Features

Other

EU RoHS Compliance	Compliant with Exemptions
EU ELV Compliance	Compliant with Exemptions

Product Type Features

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

Configuration Features

Wire Entry Location	Top
Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	6
Number of Rows	1



Wire Entry Angle	90°
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Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Green
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Product Orientation	Right Angle
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Contact Features

Contact Mating Area Plating Material	Tin
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Contact Base Material	Brass
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Contact Current Rating (Max)	17.5 A
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Termination Features

Termination Method to PCB	Through Hole - Solder
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Termination Post & Tail Length	3.8 mm[.15 in]
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Mechanical Attachment

Screw Plating Material	Nickel
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Screw Material	Brass
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Thread Size	M3
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Connector Mounting Type	Board Mount
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Housing Features

Housing Material	PA 66
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Centerline (Pitch)	5.08 mm[.2 in]
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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
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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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
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



Customers Also Bought



TE Part #747844-4
09 MSFL RCPT RA 318 (IN,FM,BL)



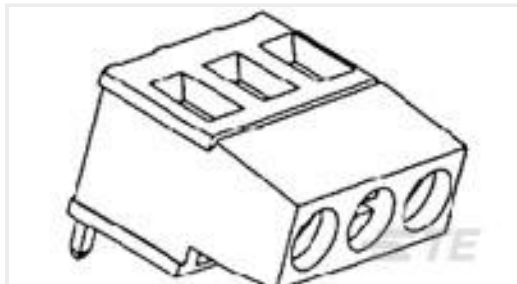
TE Part #5227161-9
RTANG JACK W/MTG PINS,BNC PCB



TE Part #640456-2
02P MTA100 HDR ASSY F/L SQ STR



TE Part #1-329632-2
LOCKWASHER, PLATED



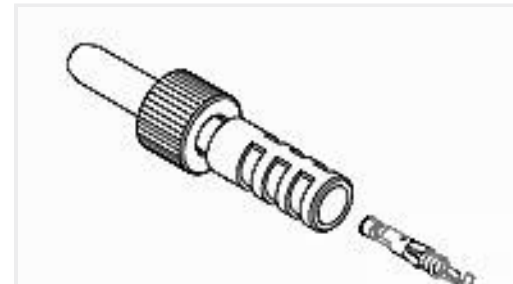
TE Part #282851-2
TERMI-BLOK PCB MOUNT 180 2P.5



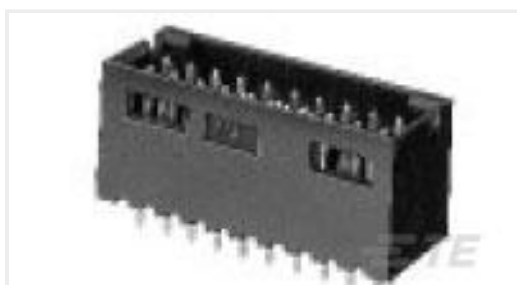
TE Part #1393249-8
W58-XB1A4A-12=W58



TE Part #1734248-9
1.0 FPC, ZIF V/T, SMT, 9P



TE Part #5-861610-3
LGH, HIGH VOLTAGE PLUG



TE Part #6-102618-1
26 MODII HDR DRST SHRD .100CL



TE Part #3-1393127-8
PRD-11DG0-24=PRD

Documents

Product Drawings

[TERMI-BLOK PCB MOUNT 180 6P.5](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_282851-6_C1.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_CVM_282851-6_C1.2d_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_282851-6_C1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_282851-6_C.3d_igs.zip](#)

English



Customer View Model

[ENG_CVM_282851-6_C.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_282851-6_C.2d_dxf.zip](#)

English

3D PDF

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