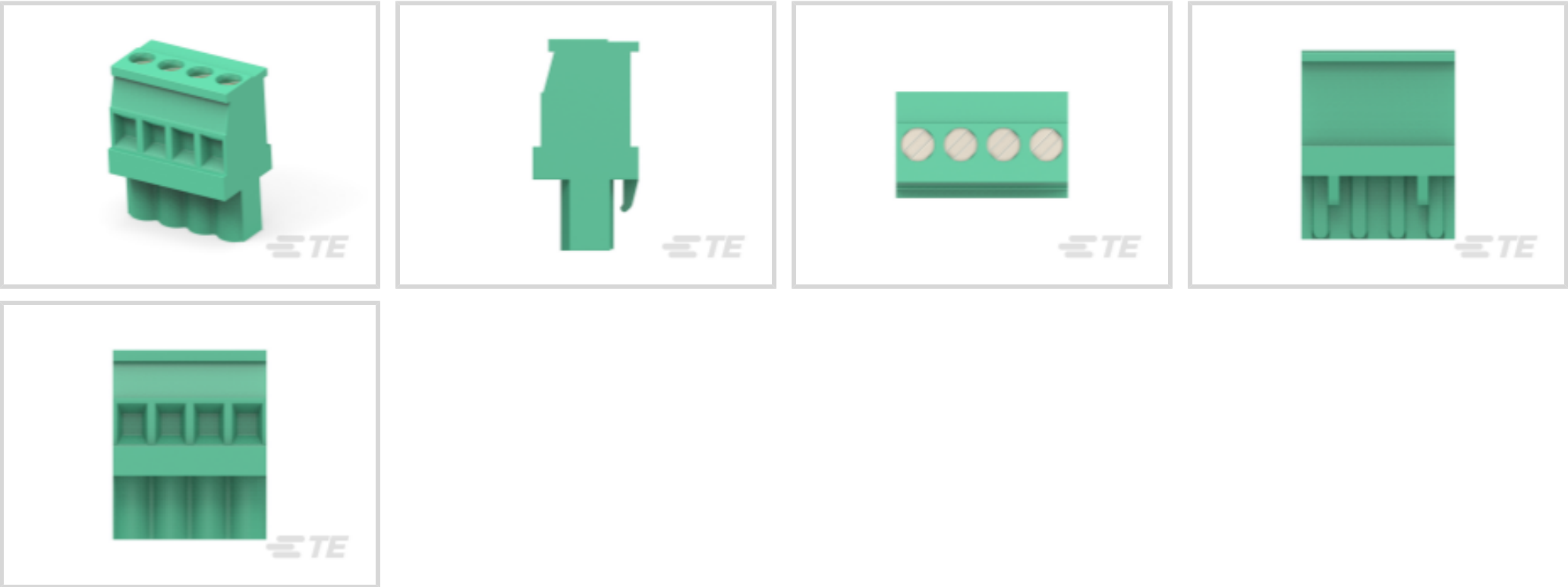




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 6

Terminal Block Connector Type: Plug

Connector System: Wire-to-Board

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

Number of Rows: 1

Features

Mechanical Attachment

Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3

Body Features

Primary Product Color	Green
Product Orientation	Vertical

Packaging Features

Packaging Quantity	100
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Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	15 A

Housing Features

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

Product Type Features

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

Configuration Features

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	6
Number of Rows	1
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC
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Dimensions

Wire Size	30 – 12 AWG
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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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Other

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

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)
SVHC > Threshold:
Pb (.54% in Component Part)

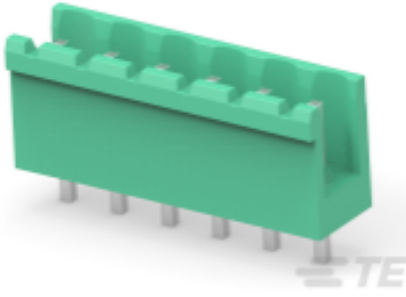
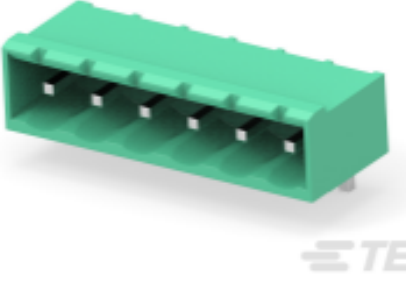
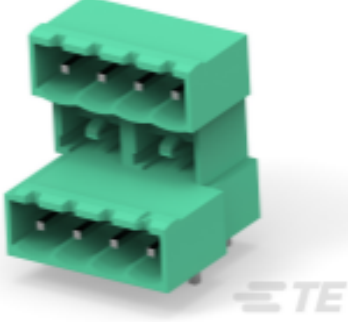
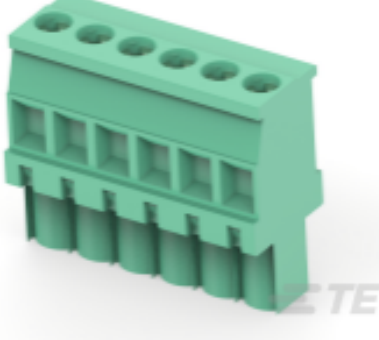
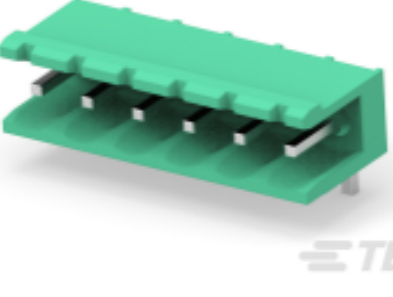
Article Safe Usage Statements:
Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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

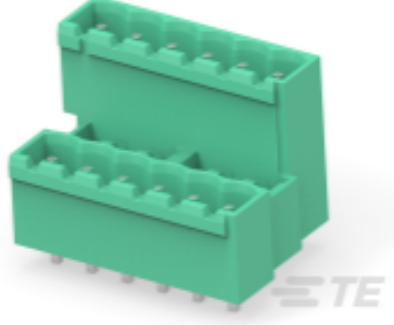
 TE Part # 282825-6 TERMI-BLOK HEADER,ASSY90 6P.5,	 TE Part # 796638-6 6POS 5.08MM CE R/A HDR,TRM BLK	 TE Part # 796639-6 6POS 5.08MM CE R/A HDR,TRM BLK	 TE Part # 284061-6 TERMI-BLOK HDR 90, 5,08MM P. M
 TE Part # 2842090-6 6 POS TERMIBLOK STRAIGHT PLUG, TOP WIRE	 TE Part # 1546105-6 6 POS 5.08MM LH PLUG BLCK	 TE Part # 2342083-6 6POS HDR 90 DEG, HT,5.08MM PITCH,TL2.6MM	 TE Part # 282815-6 TERMI-BLOK HEADER,ASSY90 6P.5



TE Part # 284053-6
6P TERMINI-BLOK HDR 90,5.08MM



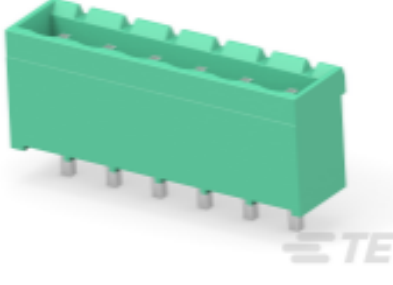
TE Part # 796637-6
6POS 5.08MM CE VRT HDR,TRM BLK



TE Part # 284065-6
TERMI-BLOK HDR 180, 5MM P.MULT



TE Part # 2342084-6
6POS HDR ST, HT, 5.08MM PITCH, TL 2.6MM



TE Part # 796636-6
6POS 5.08MM CE VRT HDR,TRM BLK

Customers Also Bought



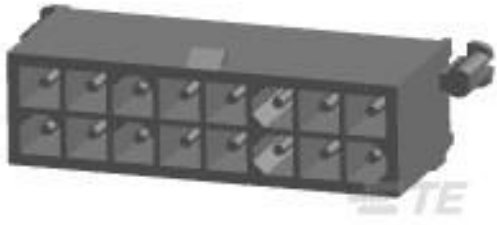
TE Part #2-644488-2
02P MTA100 SHRD HDR F/L R/A SN



TE Part #440053-5
2.5MM,HDR,5POS,R/A



TE Part #641971-1
09P UMNL PIN HDR ASSY V2 NATL



TE Part #1-794068-0
16P MINI UMNL HDR W/DH SN



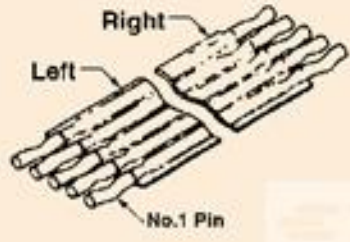
TE Part #1-640445-2
12P MTA156 HDR ASSY FL/STR SN



TE Part #60080-2
250 FASTON TAB TPBR



TE Part #3-1393144-3
K10P-11AT5-120=K10/K20



TE Part #6474561-1
FSN-23.25Z-16



TE Part #794584-2
05P UMNL SOC HDR ASS POL BLACK



TE Part #770166-1
02P MINI-UMNL ASSY VO SNNI*

Documents



Product Drawings

TERMINAL BLOCK VERTICAL PLUG S

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_284041-6_C1.3d_igs.zip

English

Customer View Model

ENG_CVM_284041-6_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_284041-6_C1.2d_dxf.zip

English

3D PDF

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_284041-6_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_284041-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_284041-6_B.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

BUCHANAN PCB TERMINAL BLOCKS

English

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

Product Specifications

Application Specification

English

Agency Approvals

UL

English

284041-6

6 Position PCB Terminal Block, Plug, Wire-to-Board, 5.08 mm [.2 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG, .05 – 3 mm² Wire, 300 VAC

