282959-6 ✔ ACTIVE

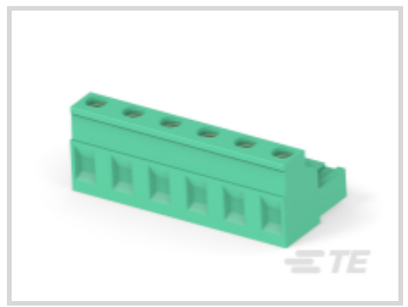
Buchanan

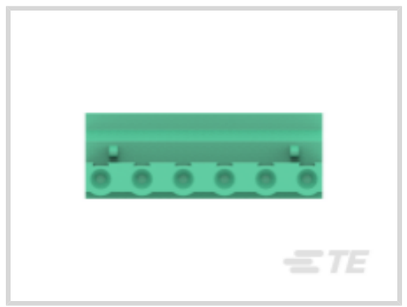
TE Internal #: 282959-6

PCB Terminal Blocks, Plug, Wire-to-Board, 6 Position, .295 in [7.5 mm] Centerline, 1 Row, 180° 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: **6**

Centerline (Pitch): **7.5 mm [.295 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

Wire Entry Location	Side
Stacking Configuration	Side Stackable
Number of Positions	6
Number of Rows	1
Wire Entry Angle	180°

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Green

Product Orientation	Right Angle

Contact Features

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

Termination Features

Termination Method to Wire & Cable	Push-in

Mechanical Attachment

Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3

Housing Features

Housing Material	PA 66
Centerline (Pitch)	7.5 mm[.295 in]

Dimensions

Wire Size	.05 - 3 mm²

Usage Conditions

Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Marking Color	Black

Packaging Features

Packaging Quantity	100

Product Compliance

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

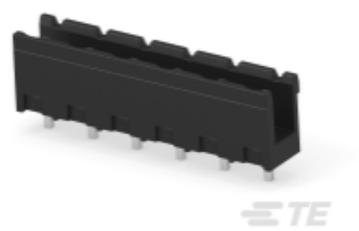
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (2% 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	Not Yet Reviewed for halogen content
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

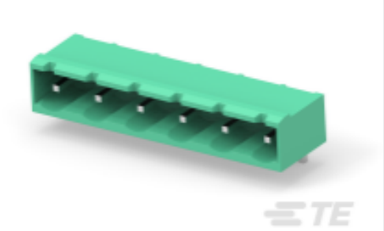
Compatible Parts



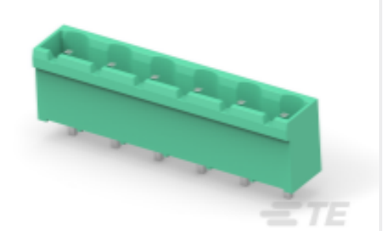
TE Part # 1776149-6
6P TERMI-BLOK HDR,HIGH TEMP



TE Part # 1776153-6
6P TERMI-BLOK HDR,HIGH TEMP



TE Part # 282962-6
TERMI-BLOK HEADER ASSY90 6P.



TE Part # 282964-6
TERMI-BLOK HEADER ASSY1806P. 7

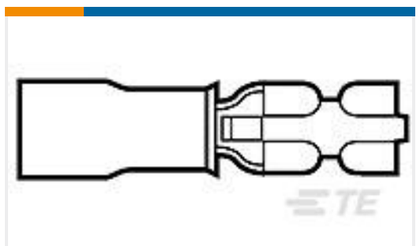
Customers Also Bought



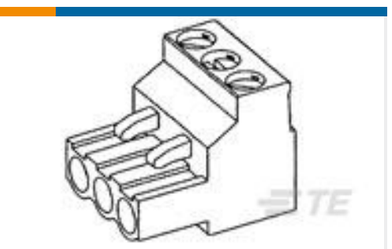
TE Part # 640903-1
RECEPT,PIDG FASTON 22-18 250



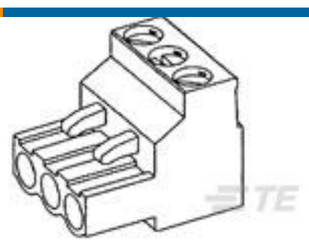
TE Part # 2213362-4
RCPT ASSY,DIMMABLE PHOTOCONTROL,105C,3/4



TE Part # 640929-1
RECEPT,PIDG FASTON 16-14 110



TE Part # 796634-4
4 POS 5.08MM R/A PLUG,TRM BLK



TE Part # 282959-3
TERMI-BLOK PLUG 3P. 7



TE Part # 1879354-7
RR03 5% R56 AMMO

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_282959-6_C1.3d_stp.zip

English

Customer View Model

ENG_CVM_CVM_282959-6_C1.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282959-6_C1.3d_igs.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof 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