282838-6 ✔ ACTIVE

Buchanan

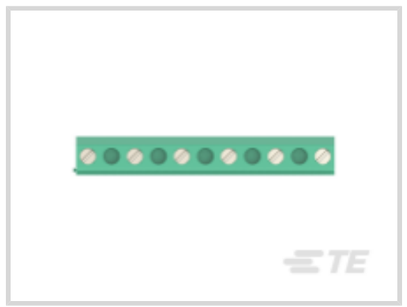
TE Internal #: 282838-6

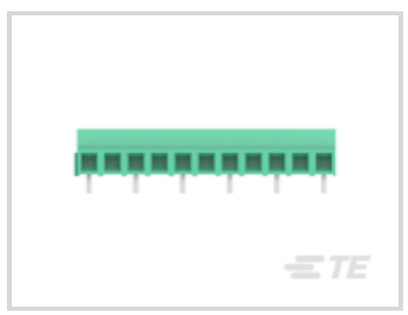
Header, Wire-to-Board, 6 Position, 10 mm [.394 in] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 16 AWG Wire Size, PCB Terminal Blocks

View on TE.com >

Connectors > Terminal Blocks & Strips > PCB Terminal Blocks







Terminal Block Connector Type: **Header**

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

Number of Positions: **6**

Centerline (Pitch): **10 mm [.394 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

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

Electrical Characteristics

Operating Voltage	600 VAC

Body Features

Primary Product Color	Green

Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	13.5 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Housing Material	PA 66
Centerline (Pitch)	10 mm[.394 in]

Dimensions

Wire Size	.05 – 1.3 mm^2

Usage Conditions

Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	100

Product Compliance

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

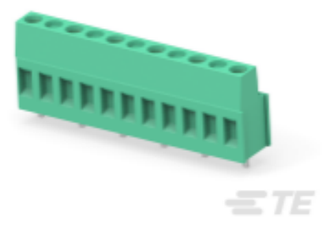
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)

	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

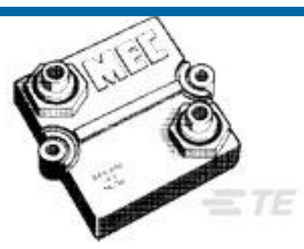
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight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

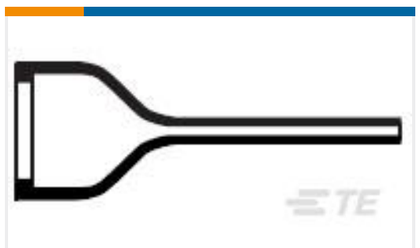


TE Part # 282858-6
6P. TERMI-BLOK PCB MOUNT 90

Customers Also Bought



TE Part #1614782-8
BDS 2 A 100 220R 10%



TE Part #627133-000
202D921-25/225-0



TE Part #3-1625966-1
HSA10 39R 5%



TE Part #3-1879073-1
THS10 75R 5%



TE Part #36922

TERMINAL,SOLIS R 2/0 5/16



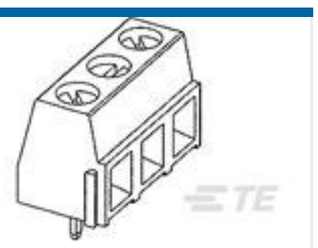
TE Part #36923

TERMINAL,SOLIS R 2/0 3/8



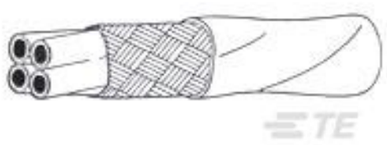
TE Part #36925

TERMINAL,SOLIS R 2/0 1/2



TE Part #282838-4

TERMI-BLOK PCB MOUNT 90 4P.



TE Part #306194-003

44AM1121-22-9/96-9

Documents

Product Drawings

TERMI-BLOK PCB MOUNT 90 6P.

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_282838-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_282838-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_282838-6_E.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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

2380312-2 650075-000 RH73H2A40MKTN SBCHE154R7K SMW73R0JT 1-794222-0 1-962915-1 2005330-1 2377783-2 U5254-000005-030PA 2310537-1 3-1393225-0 TE50BR39J 1903112-2 917696-1 SBCHE64R7K ROX05SJ18R 2834055-1 141991-2 1743455-2 936348-1 1969656-1 3430B2F51RTDF MPT100C18RF 1393431-1 175977-2 3631B101LL CPF0402B37K4E1 CRGCQ2010J3K3 2-292161-3