1-1776113-0 ✔ ACTIVE

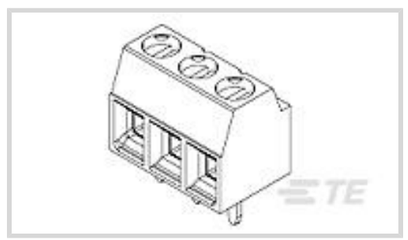
Buchanan

TE Internal #: 1-1776113-0

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, 3.81mm [.15in] Centerline, 1 Row, Side Wire Entry Angle, 28 – 16AWG 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: **10**

Centerline (Pitch): **3.81 mm [.15 in]**

Number of Rows: **1**

Features

Product Type Features

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

Configuration Features

Stacked Levels	Without
Closed End	Without
Stacking Configuration	Side Stackable
Number of Positions	10
Number of Rows	1
Wire Entry Angle	Side

Electrical Characteristics

Current Rating (Max)	12 A
Voltage Rating	150 VAC

Body Features

Interlock	Without

Contact Features

Contact Mating Area Plating Material	Tin
Contact Mount	Through Hole
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	12 A

Mechanical Attachment

Screwless Terminal Block	No
Mounting Angle	Vertical
Screw Size	M2
Screw Plating Material	Nickel
Screw Material	Copper Alloy
Screw Flange	Without
Connector Mounting Type	Board Mount

Housing Features

Housing Color	Black
Housing Material	High Temperature Polyamide
Centerline (Pitch)	3.81 mm[.15 in]

Dimensions

PCB Tail Length	2.6 mm[.102 in]
Wire Size	.08 – 1.4 mm^2

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Packaging Features

Packaging Quantity	300

Product Compliance

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

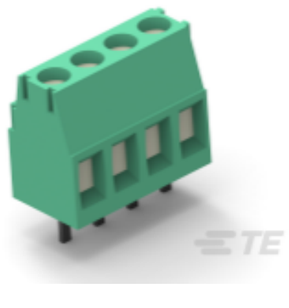
EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Compliant with Exemptions
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JAN 2021 (211) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (.8% 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	Wave solder capable to 265°C

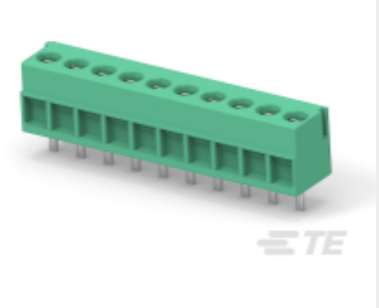
Product Compliance Disclaimer

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

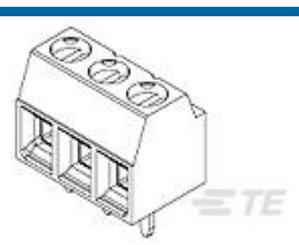


TE Part # 1-284392-0
TERMI-BLOK PCB SIDE ENTRY STAC



TE Part # 1-1986975-0
10P TB,3.81,PCB MNT,ST MOD

Customers Also Bought



TE Part #1776113-2
2P,3.81MM,SIDE ENTRY,HIGH TMP



TE Part #1623708-1
RGP0207CH 5% 100M

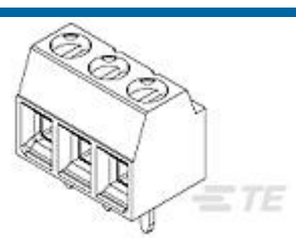


TE Part #1-1623708-2
RGP0207CH 10% 1G0



TE Part #EH2296-000
DWFR-8/2-0-STK

PCB Terminal Blocks, Header, Wire-to-Board, 10 Position, 3.81mm [.15in] Centerline, 1 Row, Side Wire Entry Angle, 28 – 16AWG Wire Size



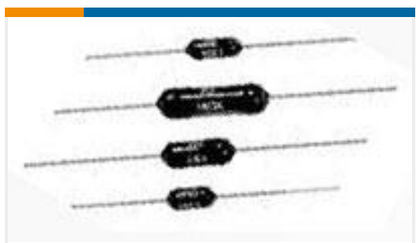
TE Part #1776113-5
5P,3.81MM,SIDE ENTRY,HIGH TMP



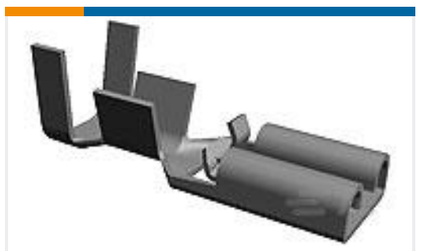
TE Part #1-2176338-2
CRGCQ 0402 68R 5%



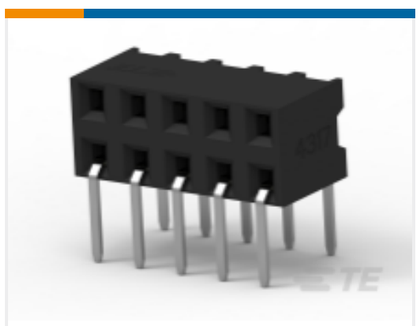
TE Part #1571839-1
02 MODII HDR SRST B/A HT LF



TE Part #1-1879640-9
H4P 2K74 0.5% 50PPM



TE Part #1217114-2
187 PL MKIII REC. 18-14AWG TPBR



TE Part #1-2314915-4
14P,2MM,B-B,REC,DRHZ,2.1,SN,TB

Documents

Product Drawings

10P,3.81MM,SIDE ENTRY,HIGH TMP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1776113-0_0.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1776113-0_0.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1776113-0_0.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1-1773458-1_EURO_STYLE_TERMINAL_BLOCKS_QRG

English

Product Specifications

Application Specification

English