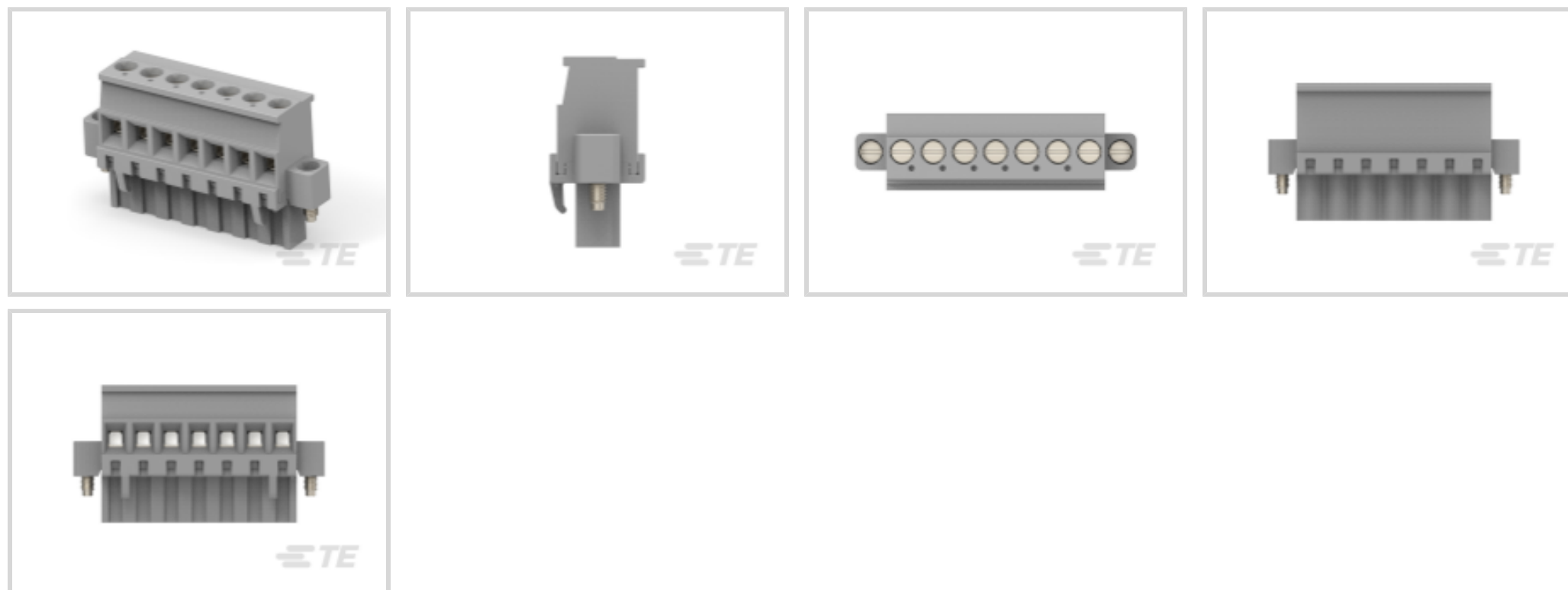# 1546707-1 ✔ ACTIVE

Buchanan

TE Internal #: 1546707-1

PCB Terminal Blocks, Plug, Wire-to-Board, 7 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° 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: **7**

Centerline (Pitch): **5.08 mm [.2 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
Number of Positions	7
Number of Rows	1
Wire Entry Angle	90°

Electrical Characteristics

Operating Voltage	300 VAC

Body Features

Primary Product Color	Gray
Product Orientation	Vertical

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PCB Terminal Blocks, Plug, Wire-to-Board, 7 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size

Contact Features

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

Mechanical Attachment

Mounting Retention Type	Screw Mount, Thread
Screw Plating Material	Nickel
Screw Material	Brass
Thread Size	M3

Housing Features

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

Dimensions

Wire Size	.05 – 2 mm²

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) 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

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PCB Terminal Blocks, Plug, Wire-to-Board, 7 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size
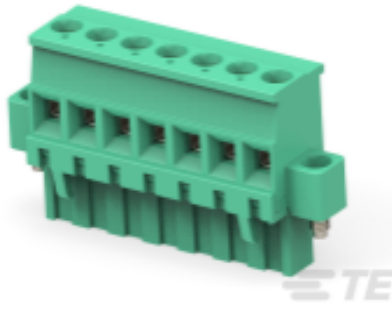
Solder Process Capability   Not applicable for solder process capability
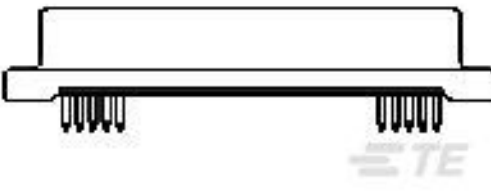
Product Compliance Disclaimer

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 # 796863-7

7 POS TERMI-BLOK PLUG VERTICAL
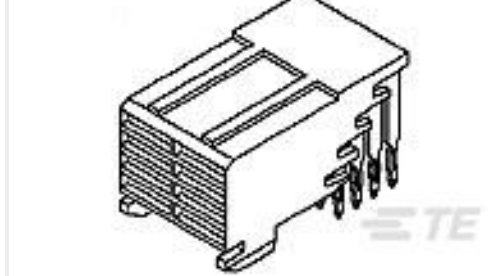
Customers Also Bought

TE Part #5173279-3

MINI MITE PLUG ASSY 50P (V)

TE Part #5179031-5

0.8FH,P08H.5,120,08/Sn,TU

TE Part #215605-1

96P.IEC-C MALE CONN

TE Part #5536607-1

2MM FB,ASY,008,PWR,REC,SL,2.73
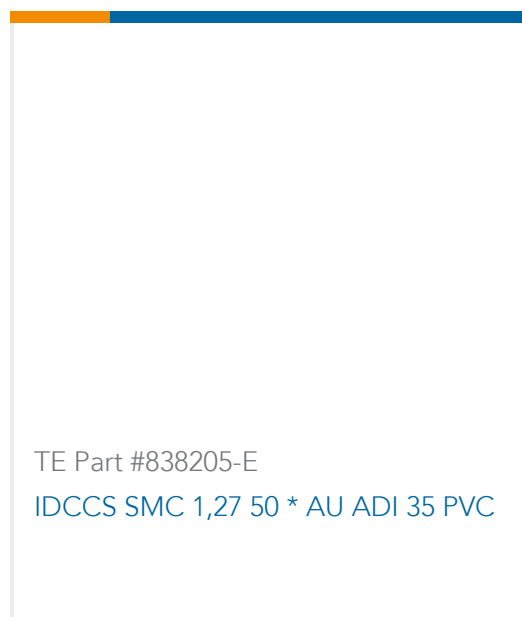
TE Part #1676142-3

RN 0805 100K 0.1% 10PPM 5KRL

TE Part #1676250-3

RN 0805 20K 0.1% 10PPM 5KRL

TE Part #6-1625868-8

RP 2A 0.25W 26R7 0.1% 25PPM 1K RL

TE Part #2176045-6

EP 5W 47R 5%

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PCB Terminal Blocks, Plug, Wire-to-Board, 7 Position, .2 in [5.08 mm] Centerline, 1 Row, 90° Wire Entry Angle, 30 – 12 AWG Wire Size

TE Part #838205-E
IDCCS SMC 1,27 50 * AU ADI 35 PVC

Documents

Product Drawings

7P TERMI-BLOK PLUG,GRAY,MARKED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1546707-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1546707-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1546707-1_A.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

Agency Approvals

UL

English