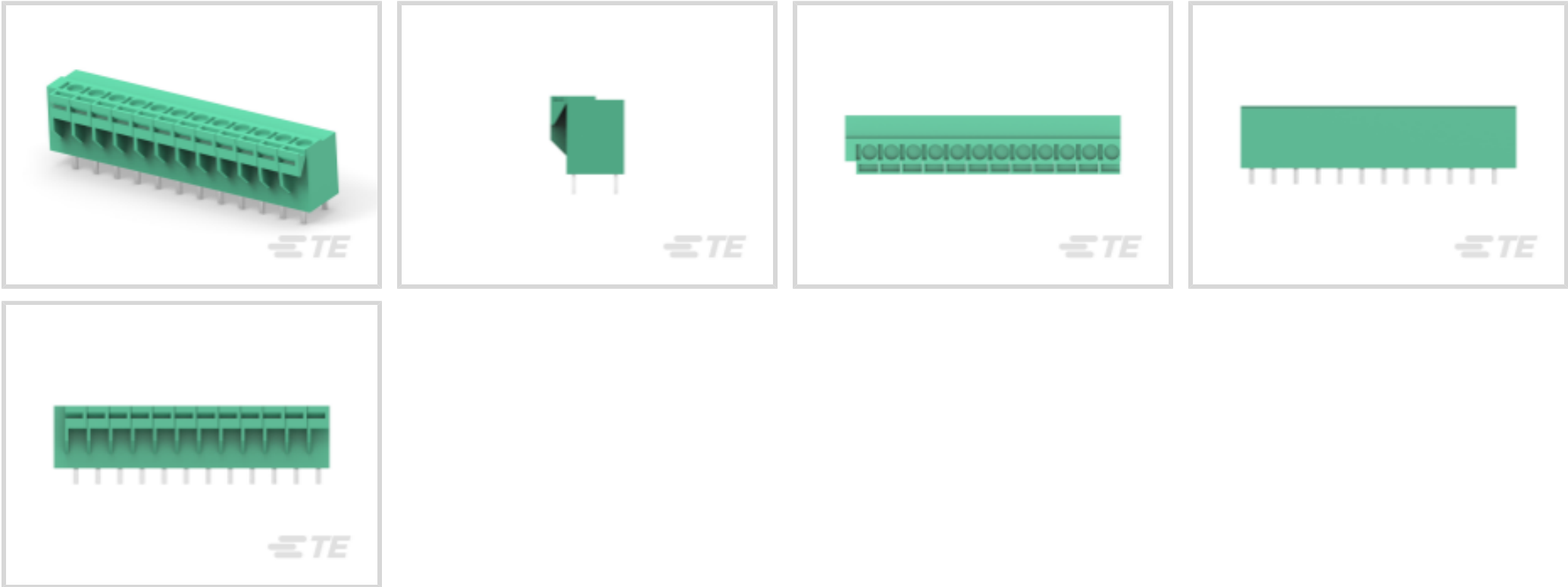




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 12

Terminal Block Connector Type: **Header**

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

Centerline (Pitch): **5 mm [.197 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

Stacking Configuration	Side Stackable
Stacked Levels	Without
Number of Positions	12
Number of Rows	1
Wire Entry Angle	180°
Wire Entry Location	Top

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features



Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Brass
Contact Current Rating (Max)	10 A

Termination Features

Termination Post & Tail Length	3.1 mm[.13 in]
Termination Method to PCB	Through Hole - Solder
Termination Method to Wire & Cable	Push-in

Mechanical Attachment

Connector Mounting Type	Board Mount
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Housing Features

Housing Material	NY - FR15
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Wire Size	22 – 14 AWG
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	800
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247)



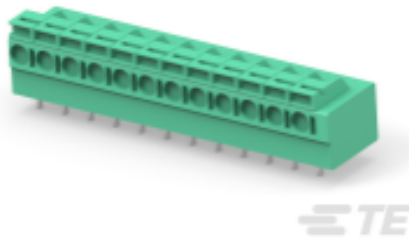
Candidate List Declared Against: JUNE 2022 (224)
Does not contain REACH SVHC

Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
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

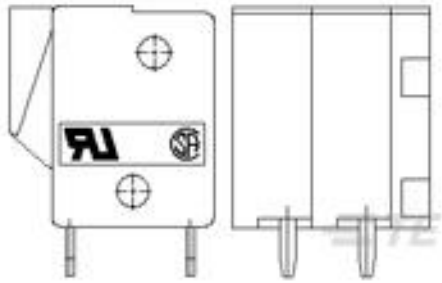


TE Part # 1-1776261-2
12P Spring TB, 90deg, VT,5mm, Green

Customers Also Bought



TE Part #9-2176089-9
RP 1J 0.166W 127K 0.1% 25PPM 1K RL



TE Part #1776260-4
4P Spring TB, 180deg, VT,5.08mm, Green



TE Part #1757827-5
AMPLIMITE,PLUG ASY,POSTD,109,ZN, 5



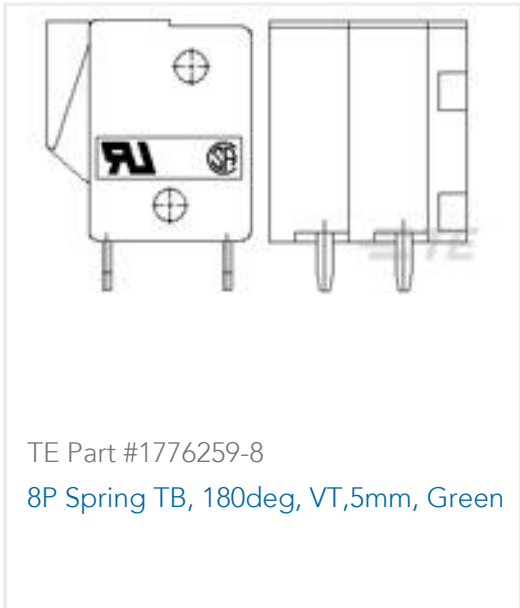
TE Part #2-1825058-5
ADE10S04=DIP SWITCH,EXT,SMT-GW



TE Part #1757836-5
[AMPLIMITE,R/A RCPT ASY,109,ZN,5](#)



TE Part #1218441-1
[R/A PLG ASSY 9 POS SER 109](#)



TE Part #1776259-8
[8P Spring TB, 180deg, VT,5mm, Green](#)



TE Part #2176411-5
[1/2W SM M/OX 5% 16K](#)



TE Part #7-146261-0
[40 MODII HDR DRST B/A .100CL LF](#)



TE Part #5-104656-2
[20 50/50 HDR DRST SFMNT.320 SN](#)

Documents

Product Drawings

[12P Spring TB, 180deg, VT,5mm, Green](#)

English

CAD Files

Customer View Model

[ENG_CVM_1-1776259-2_O2.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_1-1776259-2_O2.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_1-1776259-2_O2.2d_dxf.zip](#)

English

3D PDF

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_1-1776259-2_R.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1776259-2_R.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1776259-2_R.3d_stp.zip](#)

English

1-1776259-2

12 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 1 Row, 180° Wire Entry Angle, 22 – 14 AWG, .3 – 2 mm² Wire, 300 VAC



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