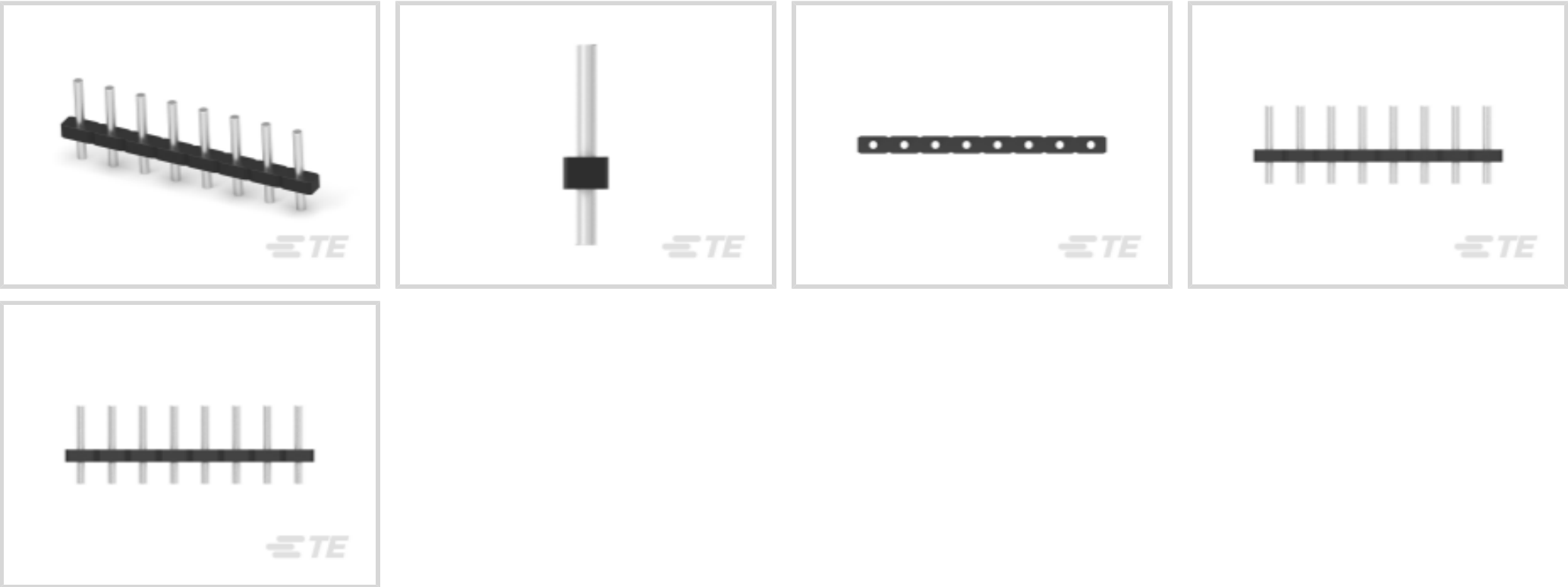




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Number of Positions: 8

Terminal Block Connector Type: **Header**

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

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

Number of Rows: 1

Features

Product Type Features

Header Type	Unshrouded
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	Level 1
Number of Positions	8
Number of Rows	1

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Primary Product Color	Black
Product Orientation	Vertical



Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Length	7 mm[.275 in]
Contact Base Material	Brass
Contact Current Rating (Max)	15 A

Termination Features

Termination Post & Tail Length	3.5 mm[.138 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	PA 66
Centerline (Pitch)	5 mm[.197 in]

Dimensions

Wire Size	30 – 14 AWG
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Usage Conditions

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

Circuit Application	Power & Signal
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Packaging Features

Packaging Method	Box
Packaging Quantity	100

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	Out of Scope
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: JAN 2025 (247)
Does not contain REACH SVHC

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Wave solder capable to 240°C
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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 # 1546173-8
5MM PLUG,90/180,8 POS,GREEN,SN

TE Part # 1546018-8
8 POS TERMI-BLOK PLUG 90 &180

Customers Also Bought

TE Part #1-644752-1
11P MTA156 HDR ASSY SQ STR F/L

TE Part #640457-5
05P MTA100 HDR ASSY SQ R/A F/L

TE Part #644752-4
04P MTA156 HDR ASSY SQ STR F/L

TE Part #2-640456-0
20P MTA100 HDR ASSY F/L SQ STR



TE Part #644752-8
08P MTA156 HDR ASSY SQ STR F/L



TE Part #644752-9
09P MTA156 HDR ASSY SQ STR F/L



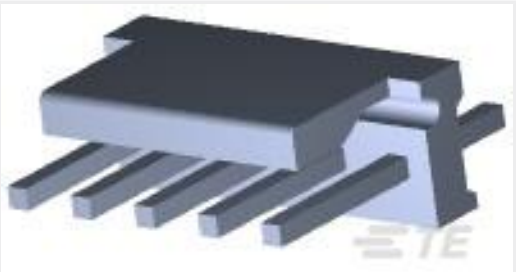
TE Part #3-640428-8
08P MTA156 CONN ASSY 22AWG RED



TE Part #644752-6
06P MTA156 HDR ASSY SQ STR F/L



TE Part #3-640428-4
04P MTA156 CONN ASSY 22AWG RED



TE Part #644752-5
05P MTA156 HDR ASSY SQ STR F/L

Documents

Product Drawings

8 POS TERMI-BLOK PIN HEAD 180

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1546019-8_O.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1546019-8_O.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1546019-8_O.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

1546019-8

8 Position PCB Terminal Block, Header, Wire-to-Board, 5 mm [.197 in] Centerline, 1 Row, 30 – 14 AWG, .05 – 2 mm² Wire, 300 VAC, Printed Circuit Board



English