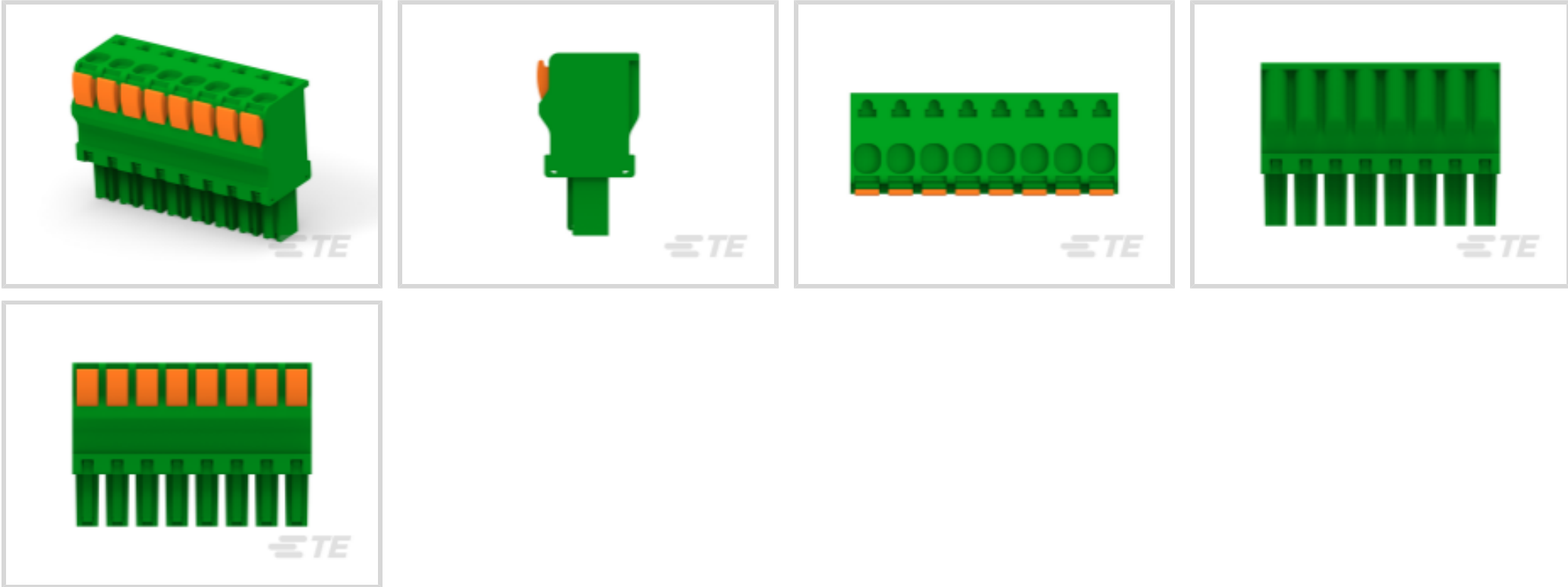




Connectors > Terminal Blocks & Strips > PCB Terminal Blocks



Terminal Block Connector Type: **Plug**
Connector System: **Wire-to-Board**
Number of Positions: **8**
Centerline (Pitch): **3.81 mm [.15 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	Top
Stacking Configuration	Side Stackable
Number of Positions	8
Number of Rows	1
Wire Entry Angle	180°

Electrical Characteristics

Operating Voltage	300 VAC
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Body Features

Lever Color	Orange
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Primary Product Color	Green
Product Orientation	Vertical

Contact Features

Contact Mating Area Plating Material	Tin
Contact Base Material	Phosphor Bronze
Contact Current Rating (Max)	11 A

Termination Features

Termination Method to Wire & Cable	Push-in, Spring Terminal
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Housing Features

Housing Material	PA 66
Centerline (Pitch)	3.81 mm [.15 in]

Dimensions

Wire Size	.05 – 2 mm²
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Usage Conditions

Operating Temperature Range	-40 – 65 °C [-40 – 149 °F]
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Operation/Application

Circuit Application	Power & Signal
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Packaging Features

Packaging Quantity	100
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Product Compliance

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

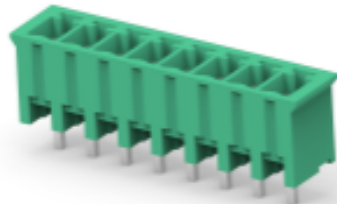
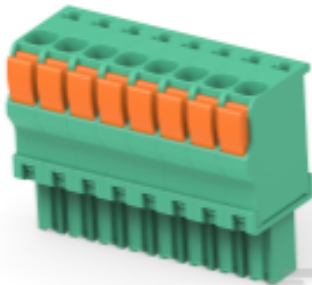
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does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



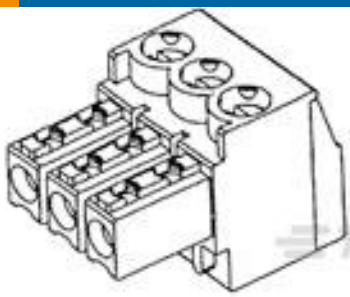
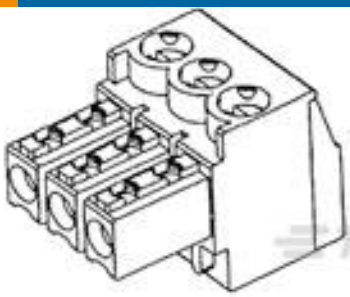
Product Compliance Disclaimer

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>

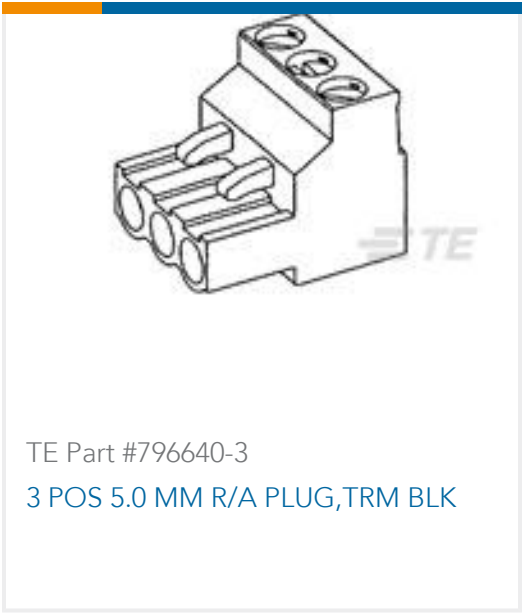
Compatible Parts

			
TE Part # 284517-8 8P TERMIBLOK HDR DIR POL	TE Part # 2342077-8 8POS HDR 90 DEG,HT,3.81MM PITCH, TL 1.9MM	TE Part # 2342078-8 8POS HDR ST, HT, 3.81MM PITCH, TL 1.9MM	TE Part # 1986692-8 STR PLUG SPRING TYPE RH 8P, 3.50 mm

Customers Also Bought

			
TE Part #T4141012081-000 M12,REAR MOUNT,FEMALE,A,8P, SOLDER PCB	TE Part #284507-3 3 POS TERMI-BLOK PLUG STAC 3,8	TE Part #284507-8 8 POS TERMI-BLOK PLUG STAC 3,8	TE Part #1986711-8 SCREWLESS, SW,8P,5.0 PCB

			
TE Part #1986722-6 STR PLUG SPRING TYPE LH 6P, 3.81 mm	TE Part #2342077-6 6POS HDR 90 DEG,HT,3.81MM PITCH, TL 1.9MM	TE Part #T41513C9L14-005 RPC-M12L-4FS-5.0-PUR 16AWG BK	TE Part #T4152599L14-002 RPC-M12L-4MS-1.0-4FS-PVC 14AWG BK



TE Part #796640-3
3 POS 5.0 MM R/A PLUG, TRM BLK



TE Part #1986722-3
STR PLUG SPRING TYPE LH 3P, 3.81 mm

Documents

Product Drawings

STR PLUG SPRING TYPE RH 8P, 3.81mm

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1986720-8_A_c-1986720-8-a.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1986720-8_A_c-1986720-8-a.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1986720-8_A_c-1986720-8-a.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

2-1773464-1_Spring_Type_Straight_Plugs

English

Agency Approvals

UL

English