



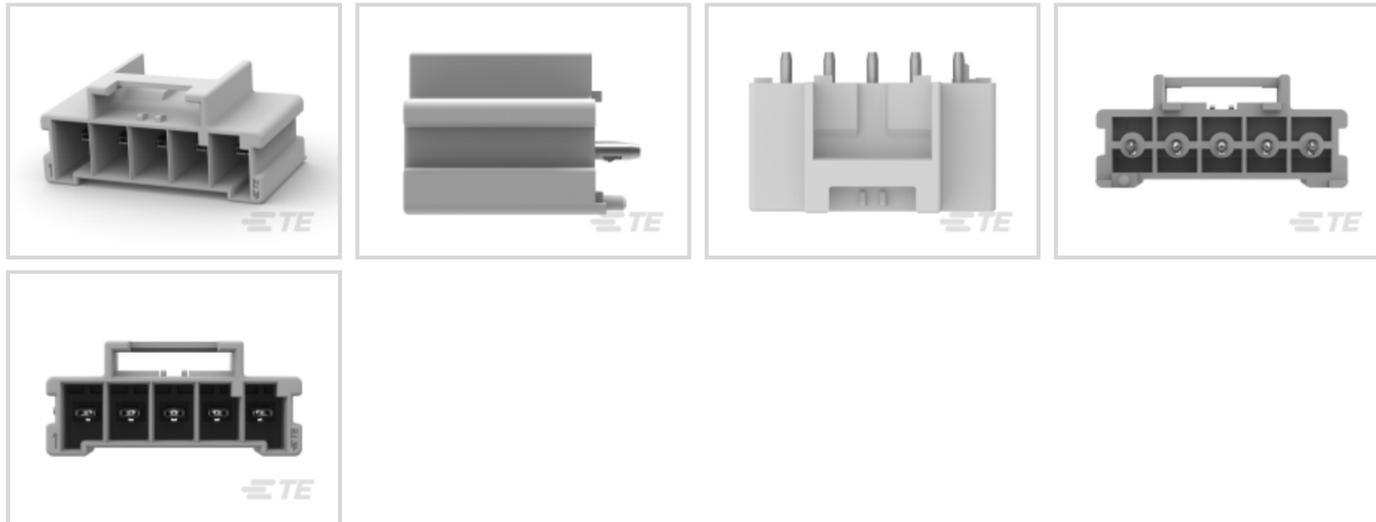
Power Triple Lock

TE Internal #: 1-1969688-5

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 5 Position, 6 mm [.236 in] Centerline, Printed Circuit Board, Power Triple Lock

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Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK HIGH TEMP HEADER



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **5**

Centerline (Pitch): **6 mm [.236 in]**

All POWER TRIPLE LOCK HIGH TEMP HEADER (12)

Features

Product Type Features

Header Type	Fully Shrouded
Rectangular Power Connector Type	Header
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	5
Keying	A
PCB Mount Orientation	Vertical
Number of Power Positions	5
Number of Rows	1



Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Inline
Contact Base Material	Copper Alloy
Contact Current Rating (Max)	17 A
Contact Retention Within Housing	With
Contact Type	Pin
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Tin

Termination Features

Termination Method to Wire & Cable	Crimp
Termination Method to Printed Circuit Board	Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment Type	Peg
PCB Mount Alignment	With
Connector Mounting Type	Board Mount
Mating Retention	With
Mating Retention Type	Latch

Housing Features

Centerline (Pitch)	6 mm [.236 in]
Housing Color	Gray
Housing Material	Nylon

Dimensions

PCB Thickness (Recommended)	1.58 mm [.062 in]
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Usage Conditions

Operating Temperature Range	-55 – 150 °C [-67 – 302 °F]
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Operation/Application

Circuit Application	Power
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Glow Wire Material Rating	Material with GWIT \geq 775°C
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 850°C (Flame \leq 30 sec)
Agency/Standard Number	E28476
Agency/Standard	UL, VDE
UL Rating	Recognized
VDE Tested	Yes

Packaging Features

Packaging Method	Carton
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Other

For Use With	Plug Housing
Comment	Complies with IEC 61984 Specification

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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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 240°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 # 5-1971773-7
PTL 1X5 PLUG HSG HIGH TEMP KEY
A LGR

Also in the Series | Power Triple Lock



Insertion & Extraction Tools(1)



Power Contacts(28)



Rectangular Connector Locking(12)



Rectangular Power Connectors(299)

Documents

Product Drawings

[PTL 1X5 PCB HEADER VERT HITEMP KEY A LGR](#)

English

CAD Files

[3D PDF](#)

[3D](#)

Customer View Model

[ENG_CVM_CVM_1-1969688-5_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969688-5_B.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-1969688-5_B.3d_stp.zip](#)

English

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

Datasheets & Catalog Pages

[1-1773734-9 TE Power Triple Lock Quick Reference Guide - German](#)



German

[9-1773465-1 Power Triple Lock QRG](#)

English

Product Specifications

[Application Specification](#)

English

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[VDE Certificate](#)

English