



Power Triple Lock

TE Internal #: 1969688-4

Rectangular Power Connectors, Header, Receptacle, Wire-to-Board, 4 Position, .236 in [6 mm] Centerline, Printed Circuit Board, Power Triple Lock

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



Rectangular Power Connector Type: **Header**

Connector & Housing Type: **Receptacle**

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

Number of Positions: **4**

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

[All POWER TRIPLE LOCK STD TEMP HEADER \(8\)](#)

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 Loaded Positions	4
Number of Positions	4
Keying	A
PCB Mount Orientation	Vertical
Number of Power Positions	4
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)	18 A
Contact Retention Within Housing	With
Contact Type	Pin
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Mating Area Plating Material	Pre-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	Natural
Housing Material	PBT GF

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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Identification Marking

Circuit Identification Feature	With
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Industry Standards

Glow Wire Material Rating	Material with GWFI 850°C
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UL Flammability Rating	UL 94V-0
Agency/Standard Number	E28476
Agency/Standard	UL, VDE
UL Rating	Recognized
VDE Tested	Yes

Packaging Features

Packaging Method	Carton
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Other

Position Locations Omitted	0
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: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed 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 # 1-1971773-4
PTL 1X4 PLUG HSG STD TEMP KEY A NAT

Also in the Series

Power Triple Lock

Insertion & Extraction Tools(1)

Power Contacts(28)

Rectangular Connector Locking(12)

Rectangular Power Connectors(299)

Customers Also Bought

TE Part #1-1971773-4
POWER TRIPLE LOCK STD TEMP PLUG

TE Part #1971781-2
POWER TRIPLE LOCK REC CONTACT

TE Part #1971777-2
PTL TPA HIGH TEMP 1 x 2 BLACK

TE Part #1-770969-1
06P MINI UMNL R/A HDR ASSY LF

TE Part #1-1971772-4
PTL 1X4 CAP PANEL MT STD TEMP KEY A NAT

TE Part #162927-000
55A1121-16-9/96-9CS2275

Documents

Product Drawings

PTL 1X4 PCB HEADER VERT STDTMP KEY A NAT

English

CAD Files



3D PDF

3D

Customer View Model

ENG_CVM_CVM_1969688-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1969688-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1969688-4_B.3d_stp.zip

English

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

Datasheets & Catalog Pages

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English