



Power Triple Lock

TE Internal #: 1-1971773-3

Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 3 Position, 6 mm [.236 in] Centerline, Wire & Cable, UL 94V-0, Power Triple Lock

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK Plug, Standard Temperature



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **3**

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

[All POWER TRIPLE LOCK Plug, Standard Temperature \(48\)](#)

Features

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	3
Number of Power Positions	3
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Cable Exit Angle	180°
Connector & Keying Code	A

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Receptacle



Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

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
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Identification Marking

Circuit Identification Feature	With
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Industry Standards

UL Rating	Recognized
Agency/Standard	UL
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	Standard Part - Not Glow Wire

Packaging Features

Packaging Method	Carton
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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 2023 (235) Candidate List Declared Against: JUNE 2023 (235)



Does not contain REACH SVHC

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 # CAT-P87074-R2435
 Receptacle Contact — POWER TRIPLE LOCK

TE Part # 1-1971772-3
 PTL 1X3 CAP PANEL MT STD TEMP KEY A NAT

TE Part # CAT-P87074-H342
 POWER TRIPLE LOCK Header, Standard Temperature

TE Part # 1452426-1
 EXTRACTION TOOL

TE Part # 1971789-1
 CPA

TE Part # 5-2232265-3
 PTL 1X3 PLUG HSG GLW WIRE KEY A DGR

TE Part # 1971777-3
 PTL TPA HIGH TEMP 1 x 3 BLACK

Also in the Series | Power Triple Lock

Insertion & Extraction Tools(1)

Power Contacts(30)

Rectangular Connector Locking(12)

Rectangular Power Connectors(300)

Customers Also Bought

<p>TE Part #5-1971772-3 PTL 1X3 CAP PANEL MT HITEMP KEY A LGR</p>	<p>TE Part #1971786-2 PTL TAB CONTACT, 20 - 22 AWG</p>	<p>TE Part #1-1971772-3 PTL 1X3 CAP PANEL MT STD TEMP KEY A NAT</p>	<p>TE Part #1971777-4 PTL TPA HIGH TEMP 1 x 4 BLACK</p>
<p>TE Part #1971783-1 PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22</p>	<p>TE Part #1376395-1 5MM POWER KEY D/L PLATE GREEN</p>	<p>TE Part #52963-5 TERMINAL,PG SPR SPD 12-10 10</p>	<p>TE Part #1-2232263-1 PTL 1X2 CAP PANEL MT HOT WIRE KEY A BLK</p>
<p>TE Part #1376348-1 5MM POWER KEY CONN REC CONT M</p>	<p>TE Part #1742198-1 250 FASTON,REC.,18-14 AWG,NPST</p>		

Documents

Product Drawings

[PTL 1X3 PLUG HSG STD TEMP KEY A NAT](#)

English

CAD Files

[3D PDF](#)

3D

[Customer View Model](#)

[ENG_CVM_CVM_1-1971773-3_F.2d_dxf.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-1971773-3_F.3d_igs.zip](#)

English

[Customer View Model](#)

[ENG_CVM_CVM_1-1971773-3_F.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

[TE Material Declaration](#)

English