



Power Triple Lock

TE Internal #: 7-1971772-3
Housing, Cap, Wire-to-Wire, 3 Position, 6 mm [.236 in] Centerline,
Wire & Cable, UL 94V-0, Power Triple Lock, Rectangular Power
Connectors

[View on TE.com >](#)

Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors > POWER TRIPLE LOCK High Temperature Caps



EU RoHS Compliance: **Compliant**
EU ELV Compliance: **Compliant**
Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Cap**
Connector System: **Wire-to-Wire**

[All POWER TRIPLE LOCK High Temperature Caps \(44\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Type Features

Rectangular Power Connector Type	Housing
Connector & Housing Type	Cap
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

Connector & Keying Code	C
Cable Exit Angle	180°

Contact Features

Contact Layout	Inline
Contact Retention Within Housing	Without
Contact Type	Tab

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Panel Mount Feature	With
Panel Mount Feature Type	Latches
Connector Mounting Type	Panel Mount

Housing Features

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

Dimensions

Panel Thickness (Recommended)	1 – 2 mm[.039 – .079 in]
Connector Height	14.95 mm

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

Compatible With Agency/Standards Products	UL
UL Rating	Recognized



Glow Wire Material Rating	Material with GWIT ≥ 775°C
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	High Temperature 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 2024 (241) Candidate List Declared Against: JUNE 2024 (241) 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 # 1971777-3
PTL TPA HIGH TEMP 1 x 3 BLACK



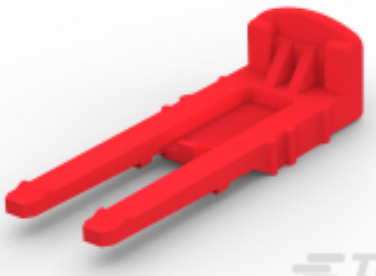
TE Part # CAT-P87074-T111
Tab Contact — POWER TRIPLE LOCK



TE Part # 7-1971773-3
PTL 1X3 PLUG HSG HIGH TEMP KEY C BLK



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA

Also in the Series | Power Triple Lock



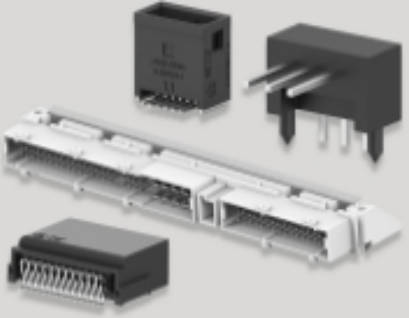
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Rectangular Power Connectors(280)

Customers Also Bought



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



TE Part #770069-1
02P .093 COMM P&S PLUG .248CL



TE Part #350418-1
.093 COMM P&S PIN 18-24 PTPBR



TE Part #1-967628-3
FLACHSTE-GEH2,8 15P





TE Part #1456985-1
1X6 Fem unsealed LP assy Key B



TE Part #6-928918-2
MQS0,63 Au tab LL unseal. 0,2-0,35



TE Part #1241860-2
TIMER, RECEPTACLE AND TAB



TE Part #9-1452415-9
58POS CONNECTOR ASSY F. CONNECTOR154POS



TE Part #1379218-1
COVER FOR 5W MPQ+MQS HSG

Documents

Product Drawings

PTL 1X3 CAP PANEL MT HITEMP KEY C BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1971772-3_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1971772-3_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1971772-3_E.3d_stp.zip

English

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

Product Specifications

Application Specification

English