



Power Triple Lock

TE Internal #: 7-1971772-2

Rectangular Power Connectors, Housing, Cap, Wire-to-Wire, 2
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 High Temperature Caps



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **2**

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

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

Features

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	2
Number of Power Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

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Cable Exit Angle	180°
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Connector & Keying Code	C
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Contact Features

Contact Layout	Inline
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Contact Retention Within Housing	Without
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Contact Type	Tab
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

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

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

Panel Thickness (Recommended)	1 – 2 mm[.039 – .079 in]
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Connector Height	14.95 mm
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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 ≥ 775°C
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UL Rating	Recognized
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Agency/Standard	UL
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Approved Standards	UL E28476
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UL Flammability Rating	UL 94V-0
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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 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 # 1971777-2
PTL TPA HIGH TEMP 1 x 2 BLACK



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



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 7-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY
C BLK

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

TE Part #5-1971772-4
PTL 1X4 CAP PANEL MT HITEMP KEY
A LGR

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

TE Part #1971785-1
PTL RECEPTACLE CONTACT, 20 - 24
AWG

TE Part #1376395-1
5MM POWER KEY D/L PLATE GREEN

TE Part #350866-1
01P UMNL CAP HSG

TE Part #42801-2
187 FASTON REC 20-16 AWG TPBR

TE Part #350851-1
UMNL SOK 24-18 PTPBR

TE Part #1971788-2
PTL TAB CONTACT, 2X18 AWG

TE Part #2325347-2
Power Versa-Lock INTERFACE SEAL,
1X2

TE Part #2325349-2
Power Versa-Lock REAR SEAL, 1X2,
LargeID



Documents

Product Drawings

PTL 1X2 CAP PANEL MT HITEMP KEY C BLK

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_7-1971772-2_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_7-1971772-2_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_7-1971772-2_E.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

MD_7-1971772-2_06132018915_dmtec

English

MD_7-1971772-2_06132018915_dmtec

English