



Power Triple Lock

TE Internal #: 6-1971772-4  
Housing, Cap, Crimp, Wire-to-Wire, UL 94V-0, 4 Position, 6 mm [.236 in] Centerline, Power Triple Lock, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)

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



Connector Product Type: **Housing**  
Connector & Housing Type: **Cap**  
Termination Method to Wire & Cable: **Crimp**  
Connector System: **Wire-to-Wire**  
Contact Retention Within Housing: **Without**

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

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Cap
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Power Positions	4
Number of Positions	4
Number of Rows	1

Electrical Characteristics

Operating Voltage	600 VAC
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Body Features

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Connector & Keying Code	B
Cable Exit Angle	180°
Primary Product Color	Red

Contact Features

Contact Layout	Inline
Contact Type	Tab
Contact Retention Within Housing	Without

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

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

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, VDE
UL Rating	Recognized
Glow Wire Material Rating	Material with GWIT ≥ 775°C
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	GWT 850°C (Flame ≤ 30 sec)



UL Flammability Rating

UL 94V-0

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	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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 # 1971777-4  
PTL TPA HIGH TEMP 1 x 4 BLACK



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



TE Part # 1971789-1  
CPA



TE Part # 6-1971773-4  
PTL 1X4 PLUG HSG HIGH TEMP KEY B RED







TE Part # 1452426-1  
EXTRACTION TOOL

Also in the Series


Power Triple Lock



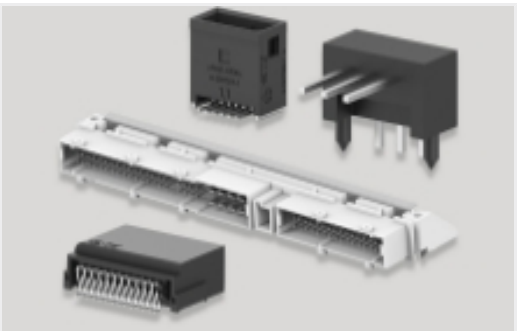
Connector Contacts(26)




Connector Hardware(12)




Insertion & Extraction Tools(1)



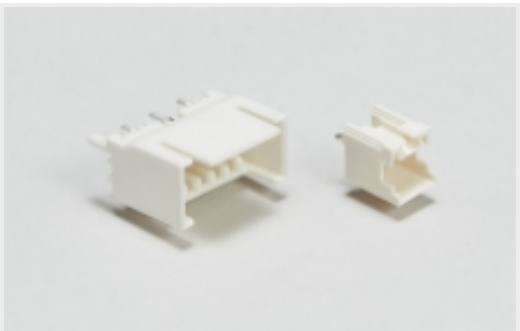
PCB Headers & Receptacles(21)



Power Contacts(26)




Rectangular Power Connectors(301)




Wire-to-Board Headers & Receptacles (21)


Customers Also Bought




TE Part #CAT-D48-ST273  
DEUTSCH Solid Contacts




TE Part #DT04-2P  
REC, 2P, GRY, N




TE Part #DT06-2S  
PLG, 2P, GRY, N



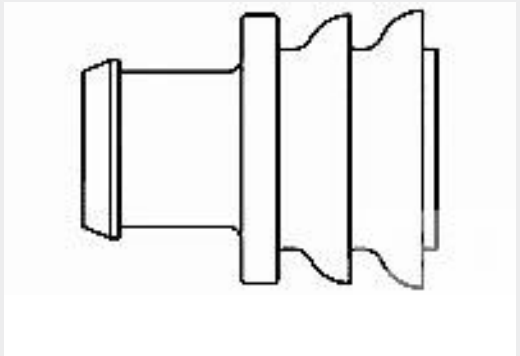
TE Part #CAT-D487-W416  
Wedgelocks: DEUTSCH DT



TE Part #114017-ZZ  
SEALING PLUG, SIZE 12/16, WHT



TE Part #CAT-AM71-CH8172  
AMP SUPERSEAL 1.5MM,  
CONNECTOR HOUSING



TE Part #281934-2  
SINGLE WIRE SEAL



Documents

Product Drawings

PTL 1X4 CAP PANEL MT HITEMP KEY B RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_6-1971772-4\_E.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1971772-4\_E.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_6-1971772-4\_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

Agency Approvals

VDE Certificate

English

VDE Certificate

English