

5-1971776-4 ✓ ACTIVE



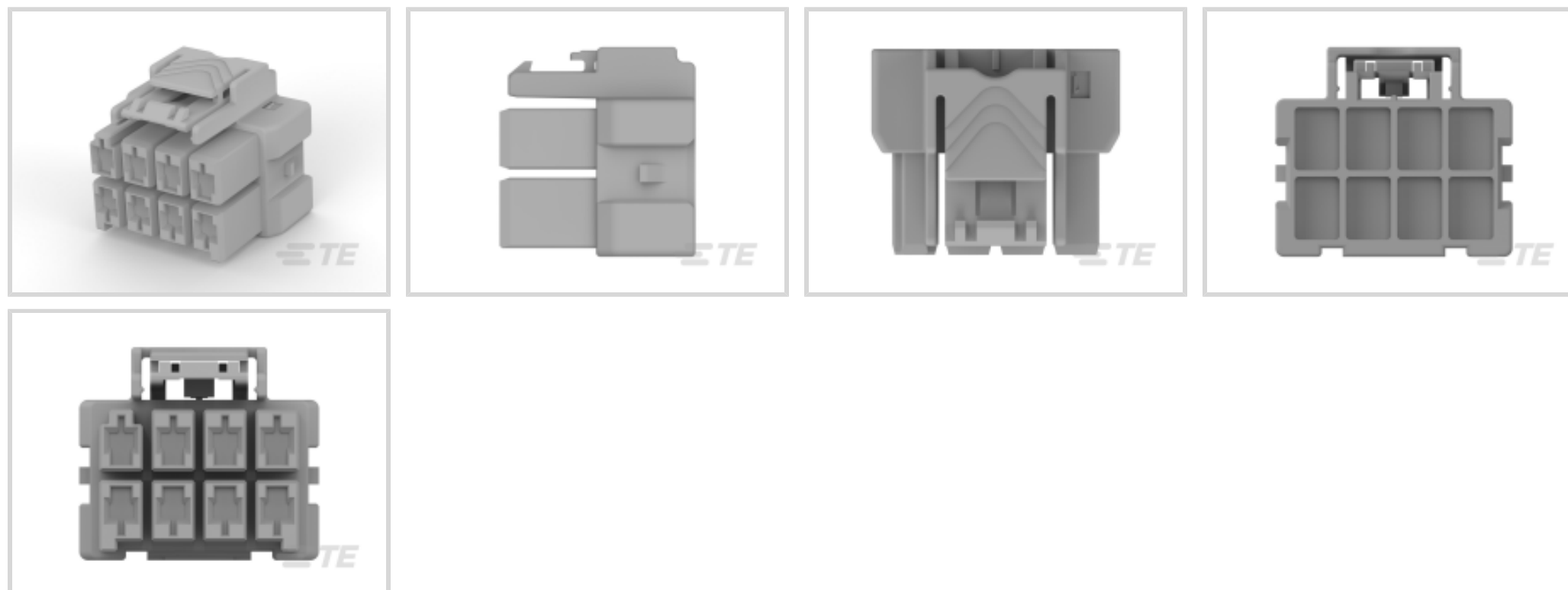
Power Triple Lock

TE Internal #: 5-1971776-4

Housing, Plug, Wire-to-Wire, 8 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 > High Temperature Plug — POWER TRIPLE LOCK



EU RoHS Compliance: **Compliant**

EU ELV Compliance: **Compliant**

Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

[All High Temperature Plug — POWER TRIPLE LOCK \(43\)](#)

Features

Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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	8
Number of Power Positions	8
Number of Rows	2



Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

Connector & Keying Code	A
Cable Exit Angle	180°

Contact Features

Contact Layout	Matrix
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	Gray
Housing Material	Nylon

Dimensions

Row-to-Row Spacing	8.1 mm [.319 in]
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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

Compatible With Agency/Standards Products	UL, VDE
UL Rating	Recognized
Glow Wire Material Rating	Material with GWIT \geq 775°C
Compatible With Approved Standards Products	UL E28476



UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 850°C (Flame ≤ 30 sec)

Packaging Features

Packaging Method	Carton
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Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 # CAT-P87074-R2435
Receptacle Contact — POWER TRIPLE LOCK



TE Part # 1971778-4
PTL TPA HIGH TEMP 2 x 4 BLACK



TE Part # 5-1971775-4
PTL 2X4 CAP PANEL MT HIGH TEMP KEY A LGR



TE Part # 1452426-1
EXTRACTION TOOL

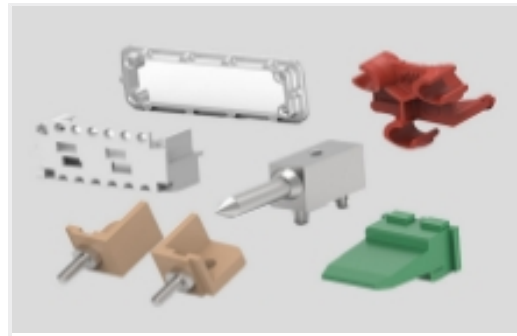


TE Part # 1971789-1
CPA

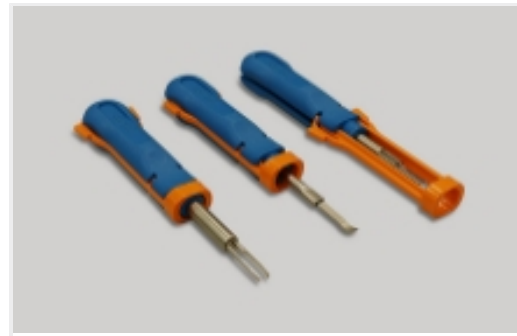
Also in the Series | Power Triple Lock



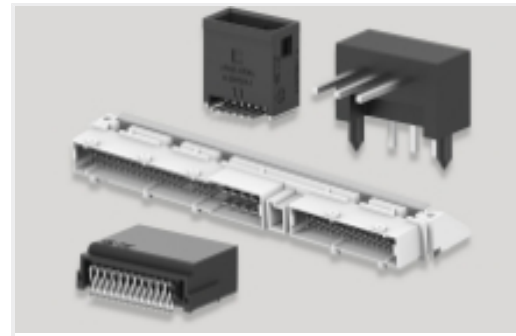
Connector Contacts(26)



Connector Hardware(12)



Insertion & Extraction Tools(1)



PCB Headers & Receptacles(21)



Rectangular Power Connectors(280)

Customers Also Bought



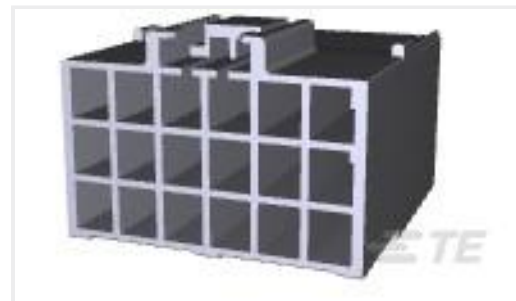
TE Part #9-1971773-2
PTL 1X2 PLUG HSG HIGH TEMP KEY A LGR



TE Part #5-1971772-2
POWER TRIPLE LOCK High Temperature Caps



TE Part #1971777-2
Locking Plate, POWER TRIPLE LOCK, TPA



TE Part #176291-1
UNIV POWER CAP HSG 18P F/H



TE Part #1971789-1
CPA



TE Part #4-1971784-2
PTL TAB CONTACT LP, 16-19 AWG, 2X22



Documents

Product Drawings

[PTL 2X4 PLUG HSG HIGH TEMP KEY A LGR](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_5-1971776-4_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971776-4_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971776-4_E.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

Agency Approvals

[VDE Certificate](#)

English

[VDE Certificate](#)

English