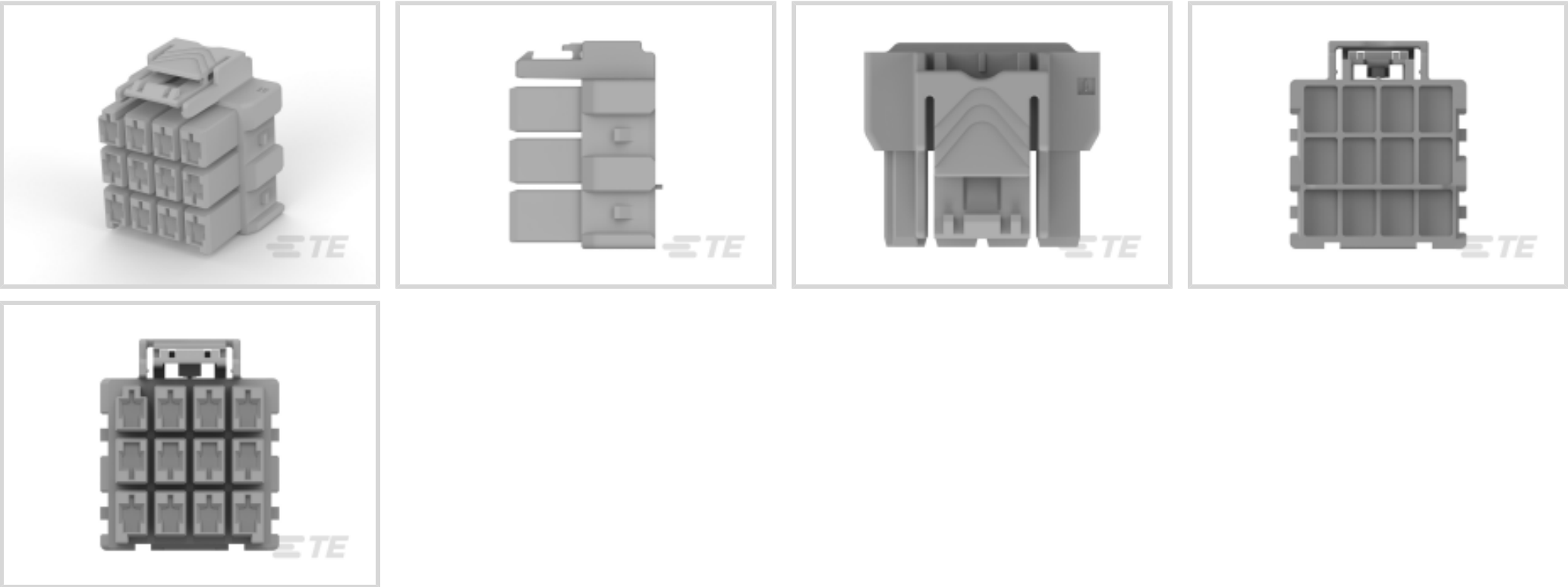




Power Triple Lock

TE Internal #: 5-1971876-4
Rectangular Power Connectors, Housing, Plug, Wire-to-Wire, 12
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 > High Temperature Plug — POWER TRIPLE LOCK



Rectangular Power Connector Type: **Housing**
Connector & Housing Type: **Plug**
Connector System: **Wire-to-Wire**
Number of Positions: **12**
Centerline (Pitch): **6 mm [.236 in]**

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

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	12
Number of Power Positions	12
Number of Rows	3

Electrical Characteristics

Operating Voltage	600 VDC
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Body Features

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Cable Exit Angle	180°
Connector & Keying Code	A

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

Glow Wire Material Rating	Material with GWIT ≥ 775°C
UL Rating	Recognized
Agency/Standard	UL, VDE
Approved Standards	UL E28476
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 850°C (Flame ≤ 30 sec)

Packaging Features

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Packaging Method	Carton
Other	
Power Connectors Comment	Complies with IEC 61984 Specification

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	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

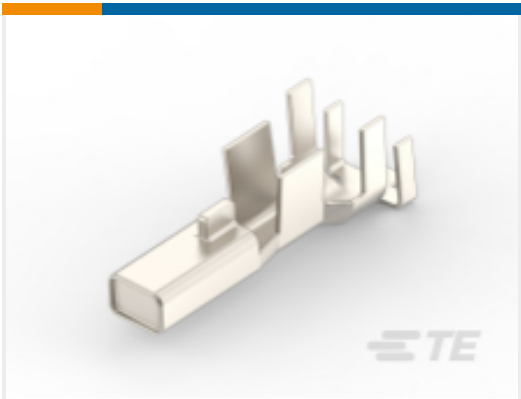
Product Compliance Disclaimer

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-T669
Locking Plate, POWER TRIPLE LOCK, TPA



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



TE Part # 1452426-1
EXTRACTION TOOL



TE Part # 1971789-1
CPA



TE Part # 5-1971875-4
PTL 3X4 CAP PANEL MT HITEMP KEY A LGR

TE Part # 1-2232357-4
PTL 3X4 PLUG HSG HOT WIRE KEY A 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 #5-1971772-2
POWER TRIPLE LOCK High Temperature Caps

TE Part #1971783-2
PTL RECEPTACLE CONTACT, 16-19 AWG, 2X22

TE Part #1-1969442-1
EP 2.5 TPA Housing, 11 Pos

TE Part #63674-1
250 FASTON REC 18-14 AWG NPST

TE Part #1969657-1
250 FASTON HSG., FLAG, REC., 1 POS, BLACK

TE Part #175149-2
AMP UNIVE. POWER CONN TAB CONT

TE Part #1969443-4
EP 2.5 TPA Retainer, 4 Pos

TE Part #63625-1
SPLICE 5000-16000 .025 BR

TE Part #1969507-2
250 FASTON HSG., FLAG, REC., 1 POS, NATURAL



Documents

Product Drawings

PTL 3X4 PLUG HSG HIGH TEMP KEY A LGR

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1971876-4_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1971876-4_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1971876-4_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

9-1773465-1Power Triple Lock QRG

English

Product Specifications

Application Specification

English

Product Environmental Compliance

MD_5-1971876-4_06132018927_dmtec

English

MD_5-1971876-4_06132018927_dmtec

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English