

5-1971775-6 ✓ ACTIVE



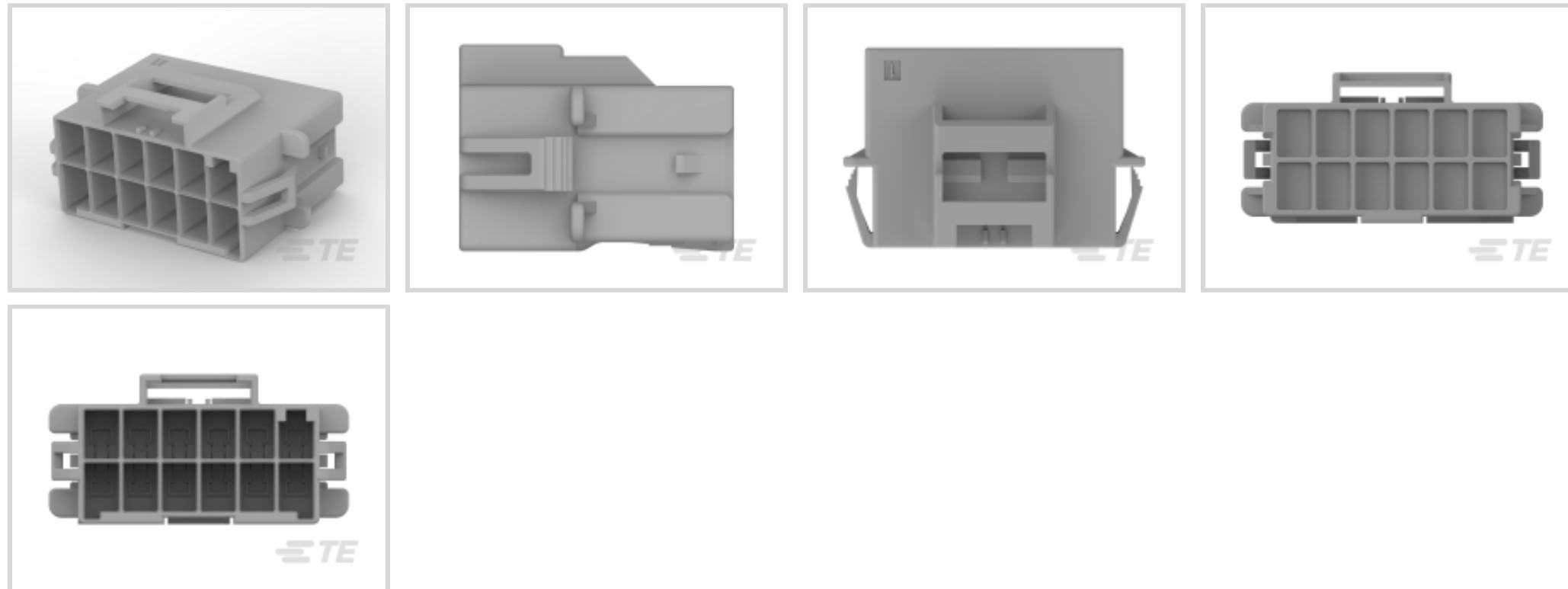
Power Triple Lock

TE Internal #: 5-1971775-6

Rectangular Power Connectors, Housing, Cap, 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 > POWER TRIPLE LOCK HIGH TEMP CAP



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Cap**

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

Number of Positions: **12**

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

[All POWER TRIPLE LOCK HIGH TEMP CAP \(44\)](#)

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	12
Keying	A
Number of Power Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	600 VDC
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Contact Features

Contact Layout	Matrix
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	Gray
Housing Material	Nylon
Cable Exit Angle	Straight

Dimensions

Row-to-Row Spacing	8.1 mm [.319 in]
Panel Thickness	1 – 2 mm [.039 – .079 in]
Height	23.05 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

Glow Wire Material Rating	Material with GWIT \geq 775°C
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 850°C (Flame \leq 30 sec)
Agency/Standard Number	E28476
Agency/Standard	UL, VDE
UL Rating	Recognized



VDE Tested	Yes
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Packaging Features

Packaging Method	Carton
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Other

For Use With	CPA, Plug Housing, TPA, Tab Contact
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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-T111
POWER TRIPLE LOCK TAB CONTACT



TE Part # 1971778-6
PTL TPA HIGH TEMP 2 x 6 BLACK



TE Part # 1452426-1
EXTRACTION TOOL

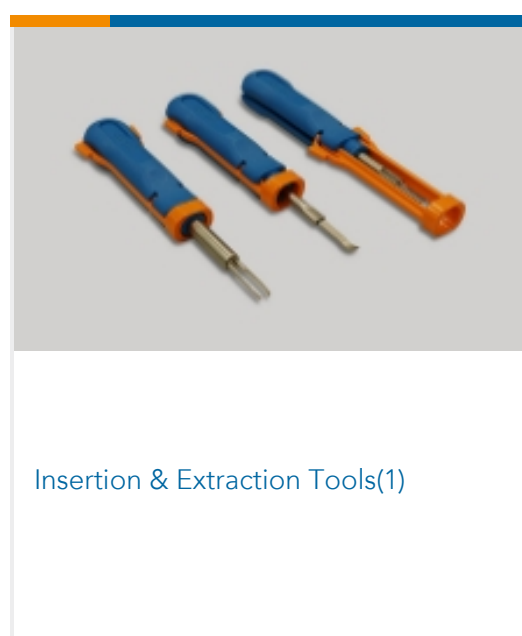


TE Part # 1971789-1
CPA

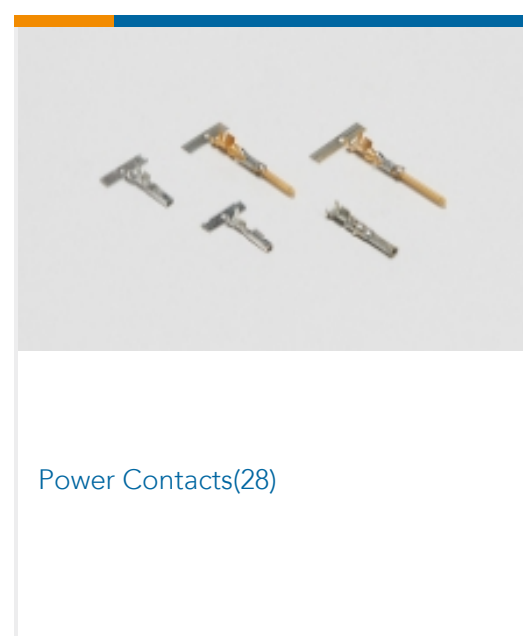


TE Part # 5-1971776-6
PTL 2X6 PLUG HSG HIGH TEMP KEY
A LGR

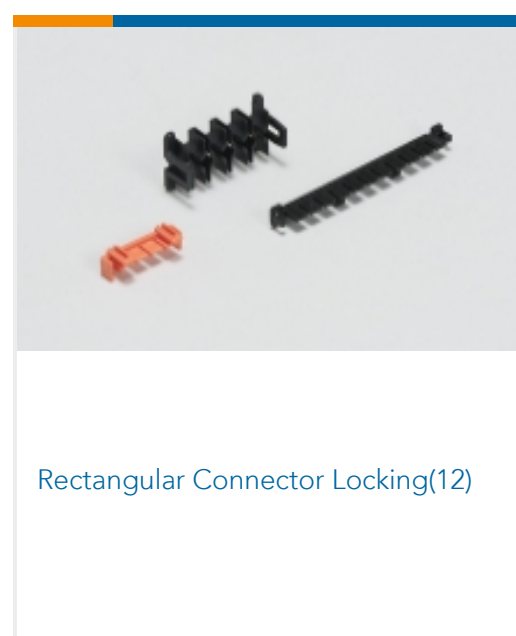
Also in the Series | Power Triple Lock



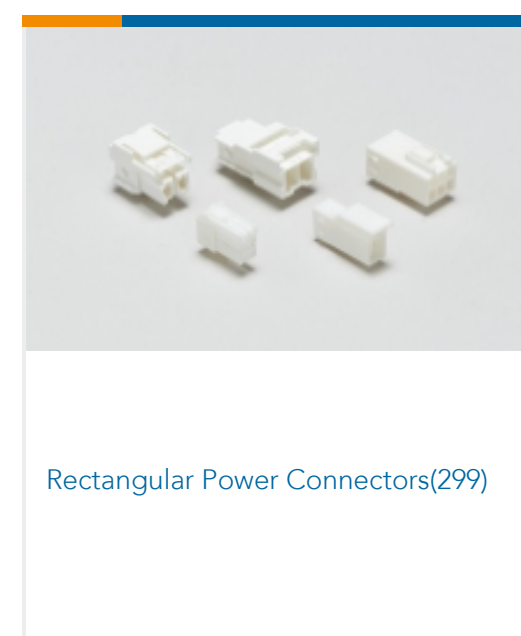
Insertion & Extraction Tools(1)



Power Contacts(28)



Rectangular Connector Locking(12)



Rectangular Power Connectors(299)

Documents

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_5-1971775-6_F.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971775-6_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_5-1971775-6_F.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

Product Environmental Compliance

[Product Compliance](#)

English

[Product Compliance](#)

English

Agency Approvals

[VDE Certificate](#)

English